



PRODUCT CATALOGUE

BARDAHL
A WORLD WITHOUT FRICTION

www.bardahl.it

SINCE 1973, MAROIL HAS BEEN THE SOLE LICENSEE OF THE BARD AHL BRAND IN ITALY, AND HAS A FULLY AUTOMATED BLENDING SYSTEM FOR MANUFACTURING AND PACKAGING THE BARD AHL PRODUCTS.

BARD AHL IS A MULTINATIONAL CORPORATION THAT DISTRIBUTES IN OVER 90 COUNTRIES WORLDWIDE. IN 8 OF THESE COUNTRIES BARD AHL HAS AN INDUSTRIAL UNIT FOR BLENDING AND PACKAGING.

BARD AHL, A WORLD WITHOUT FRICTION

Since 1939, **Bardahl Manufacturing Corporation** has been producing and distributing worldwide high quality lubricants and additives for the following sectors:

• **automotive** • **industry** • **car and motorcycle races** • **marine** • **aviation.**

Bardahl is a multinational corporation that distributes in over 90 countries. In 8 of these countries Bardahl has an industrial unit for blending and packaging.

In the **Bardahl Research Center in Seattle** (Washington U.S.A.) real tests are constantly carried out on vehicles and machines: very rigorous and strict laboratory researches are also executed, in order

to obtain **cutting-edge products** which are able to meet the requirements of the more and more sophisticated modern engines. Bardahl enjoys today **the best reputation in the world industry**, as the basic formulation of the whole Bardahl range is totally exclusive and is therefore definitely different from competitive products for its higher quality and absolute reliability.

BARD AHL IN ITALY

Since 1973 **MAROIL** has been one of the 8 blending and distributing units. The DNV Certification (Det Norske Veritas Quality System) was obtained in 1998. **MAROIL** has a modern and completely automated blending system for manufacturing and packaging the Bardahl products.

BARD AHL EFFECTIVENESS

Some research tests have been recently carried out at the Oil Laboratories of the French Government and it was certified that the **Bardahl formula can reduce engine wear by 34%, in comparison with a traditional lubricant, and even by 70% in the most difficult phase, engine starting.**

Triple Action

The exclusive anti-friction Bardahl Polar Plus - Fullerene Formula assures a triple protecting layer: a superficial and lubricating film / a polar molecule area (Polar Plus) / Fullerene C60 molecules as a mechanism of final protection.

MAROIL



THE FUTURE OF A GREAT PAST

For over 80 years Bardahl has been manufacturing and distributing worldwide high quality lubricants and additives.

Since 1973 **Maroil** has been the sole licensee of the **Bardahl Brand** and boasts a commercial network that spreads all over Italy, distributing the complete range of lubricants, additives and treatments.

PRESENCE IN THE DOMESTIC MARKET

With its wide commercial network **Maroil** is present all over Italy, where it distributes the complete range of lubricants, additives and treatments.

MODERN BLENDING SYSTEM

The **DNV Certification (Det Norske Veritas Quality System)** was obtained in 1998, and **Maroil** has a modern **completely automated system for manufacturing and packaging** the Bardahl products.

MORE THAN ORIGINAL, UNIQUE.

THE BASIC FORMULAS OF THE WHOLE BARDAHL RANGE ARE TOTALLY EXCLUSIVE AND DIFFER FROM COMPETITIVE PRODUCTS FOR THEIR HIGHER QUALITY AND RELIABILITY

TECHNOLOGIES

“THE BARDAHL FORMULA CAN REDUCE ENGINE WEAR BY 34% IN COMPARISON WITH A TRADITIONAL LUBRICANT AND EVEN BY 70% IN THE MOST DIFFICULT PHASE, THE ENGINE STARTING”.

POLAR PLUS TECHNOLOGY

The exclusive **Bardahl Polar Plus** formula is a combination of chemical substances contained in the Bardahl lubricants, which **significantly reduce friction** between the metal surfaces in contact and in movement. It's unique blend is very good at preserving surfaces from wear and corrosion.

The Bardahl polar molecules act as micro-magnets that settle on metal surfaces and form an **extremely resistant and lubricating barrier**.

The Polar Plus formula assures a **double protection level** formed by a superficial lubricating film, to which a layer of polar molecules is added, and these molecules are able to firmly adhere to the metal surfaces of the engine, thus creating a permanent protection barrier.

The Bardahl formula grants **notably higher performance** as regards to traditional lubricants.

FULLERENE C60 TECHNOLOGY

After years of laboratory research and development, the Bardahl technical staff has developed a formula that permits to exploit the extraordinary possibilities of the **Fullerene C60 molecule**.

The Fullerene molecules contained in Bardahl C60 lubricants act as micro-ball bearings which, interposing between the metal surfaces of the engine, create an **anti-friction protection layer**, thus maximizing **the potential of the engine** and preserve it from wear and corrosion.

Bardahl has been **the first manufacturer** of lubricants to develop a **formula** that makes use of the **Fullerene C60** chemistry.

TRIPLE ACTION

The exclusive **anti-friction Bardahl Polar Plus + Fullerene formula** grants a triple protection layer:

- > a **superficial lubricant film**
- > an **area of polar molecules (Polar Plus)**
- > **Fullerene C60 molecules** as a mechanism of final protection.

The 4 ball test.

Three stationary steel balls, immersed in oil, are subjected to the pressure and rotating movement of a fourth ball. The rotating speed is constant, while the exerted pressure gradually increases during the test, until the welding load is reached.



WITHOUT BARDAHL WITH BARDAHL

The effectiveness of Bardahl.

Some research has been recently carried out at the Oil Laboratories of the French Government and it was certified that the **Bardahl formula can reduce engine wear** by 34%, during engine operation, in comparison to a traditional lubricant and even by 70% in the most difficult phase, engine starting.

CLUTCH PERFORMANCE TECHNOLOGY

The Bardahl lubricants for motorcycle 4-stroke engines have been designed to meet on the one hand the **severe technical requirements of modern engines**, on the other the needs of the most attentive motorcyclist who wants **maximum performance** from his bike **in total safety and reliability**.

Propellers with higher specific power and increasingly higher engine rotation (often associated with a transmission system with integrated gearbox and wet clutch) require technologically advanced lubricants, specially formulated to allow the total lubrication of engine, gearbox and clutch.

The so-called **Clutch Performance Technology**, used by Bardahl in the Motorcycle 4-stroke engine lubricants, permits the following:

- > best **protection and lubrication** of gearbox **gears** and clutch
- > optimal **transfer** of the **drive torque** to the gearbox
- > maximum **acceleration** and greater **driving comfort**.

Always looking for excellence, Bardahl supplies products that enhance the effectiveness of transmission and assure the best protection of engine and gearbox under all driving conditions, thanks to the exclusive Polar Plus + Fullerene formulas and Clutch Performance Technology. Bardahl Motorcycle 4-stroke engine lubricants exceed the JASO T 903 limits.



POLAR PLUS FORMULA

The exclusive Bardahl Polar Plus formula is a combination of chemical substances contained in the Bardahl lubricants, which significantly reduce friction between the metal surfaces in contact and in movement. It's a unique blend, very good at preserving surfaces from wear and corrosion.



FULLERENE C60 TECHNOLOGY

In 1996 a new form of carbon was discovered: it was called Fullerene and was made of 60 atoms grouped in a three-dimensional structure, similar to a soccer ball. Bardahl has been the first manufacturer of lubricants to develop a formula that makes use of the Fullerene C60 chemistry.

MORE THAN ORIGINAL, UNIQUE.

“ SINCE 1939 BARDAHL HAS BEEN INVESTING IN RESEARCH AND DEVELOPMENT AND COMMITS ITSELF TO OFFER THE MARKET HIGHLY TECHNOLOGICAL PRODUCTS, WHICH ARE UNIQUE IN THEIR KIND. ”



**COMPLETE RANGE
AUTOMOTIVE
LUBRICANTS**

> DISCOVER OUR AUTOMOTIVE PRODUCT LINES

CAR RACING PERFORMANCE LUBRICANTS



XTR C60 RACING

**SPECIAL LUBRICANT,
ESPECIALLY FORMULATED
FOR RACING OR
HIGH-POWER MOTORS.**



XTR C60 RACING RANGE



The employment of very precious synthetic bases and special high shear stability polymers permits to XTR C60 Racing to maintain a high oil viscosity up to particularly high temperatures, thus assuring an effective lubrication at all times, even under extreme conditions, specifically:

- Builds a firm and very resistant lubricating film on all engine parts
- Reduces the lowering of oil viscosity in racing use
- Reduces deposits that are formed at very high temperatures

> Ideal for sport vehicles, thanks to a high dosage of the Bardahl Polar Plus + Fullerene formula which increases power and performance of the engine, protecting it from wear and corrosion.

XTR C60 RACING 39.67 5W-50

Its Ultragrade viscosity assures excellent performance at high temperatures and an extraordinary fluidity at low temperatures.

- > 100% synthetic
- > Performance level: SAE 5W-50

COD. 306

XTR C60 RACING 39.67 10W-60

Its Ultragrade viscosity assures excellent performance at high temperatures and an extraordinary fluidity at low temperatures at the same time.

- > 100% synthetic
- > Performance level: SAE 10W-60

COD. 327

XTR C60 RACING 39.67 20W-60

Its High-Viscosity formula viscosity formulation assures excellent performance in terms of engine protection at very high temperatures and under heavy stress.

- > 100% synthetic
- > Performance level: SAE 20W-60

COD. 318

PREMIUM PERFORMANCE CAR LUBRICANTS



XTC C60

PREMIUM PERFORMANCE LUBRICANT FOR GASOLINE ENGINES, ASPIRATED OR SUPERCHARGED, AND FOR DIESEL AND TURBO-DIESEL ENGINES WITH DIRECT INJECTION.



XTC C60 RANGE



The employment of precious synthetic bases and special high stability polymers allows **XTC C60** an extraordinary **resistance to thermal oxidation**, giving the lubricating film a greater effectiveness, able to hold out against **particularly high temperatures**.

> Ideal for sporty driving, thanks to the Bardahl Polar Plus + Fullerene formula which increases the performance of the engine, protecting it from wear and corrosion. Bardahl XTC C60 **grants a greater control of deposits and wear**, permits an **excellent cleanliness**, and also permits to **extend the life of the motor** in its maximum efficiency.

XTC C60 0W-40

For motors requiring low viscosity lubricants.

> **100% synthetic**

> **Performance level:** SAE 0W-40 / ACEA A3-B4 / API SN-CF
VW 502.00-505.00 / MB 229.5 / BMW LL-01 / Porsche A40
Renault RN0700-RN0710 / Ford 937-A

COD. 300

XTC C60 5W-40

For motors requiring fluid lubricants at low temperature and an immediate lubrication at motor starting.

> **100% synthetic**

> **Performance level:** SAE 5W-40 / ACEA A3-B4 / API SN-CF
VW 502.00-505.00 / MB 229.5 / BMW LL-01 / Opel LL-B-025
Porsche A40 / Renault RN0700-RN0710

COD. 334

XTC C60 10W-40

Meets the requirement of most manufacturers.

> **Performance level:** SAE 10W-40 / ACEA A3-B4 / API SN-CF
VW 502.00-505.00 / MB 229.3 / Renault RN0700

COD. 326

XTC C60 15W-50

Ideal in the sports use, where a high oil viscosity at high temperatures is required. Permits a lower consumption of lubricant.

> **Performance level:** SAE 15W-50 / ACEA A3-B4 / API SN-CF
VW 501.01-505.00 / MB 229.1

COD. 324

XTC C60 20W-50

Ideal in the sports use, where a high oil viscosity at high temperatures is required. Permits a lower consumption of lubricant.

> **Performance level:** SAE 20W-50 / ACEA A3-B4 / API SL-CF
VW 501.01-505.00 / MB 229.1

COD. 313

PREMIUM TECHNOLOGY CAR LUBRICANTS



TECHNOS XFS

THE SPECIAL XFS ADDITIVE OFFERS THE MAXIMUM COMPATIBILITY WITH EXHAUST GAS AFTER-TREATMENT SYSTEMS AND PERMITS THE IMPROVEMENT OF THE LIMITED RESISTANCE OF THE OIL VEIL, TYPICAL OF EXTREMELY FLUID LUBRICANTS WITH REDUCED HTHS.



The new TECHNOS products of the XFS Line are mid SAPS lubricants, completely synthetic and of a very high value – formulated with PAO bases (poly-alpha-olefin) – intended for last generation engines with remarkable energy efficiency, elevated performance and low emissions. In particular, the Energy Resource formulas offer advantages in terms of fuel saving and are very suitable where manufacturers provide Start-and-Stop solutions and hybrid engines for their vehicles.

The new TECHNOS products improve resistance to oxidation, prevent from deposit formation, contain anti-wear, anti-scuffing and anti-friction agents. XFS, eXtra Fluid Shield, gives the lubricant additional performance and acts as an extra shield for the protection of all components of the motor.

TECHNOS XFS AV508 0W-20 COD. 365

Intended for the last generation engines of the VAG group that require from oil to exceed the strict requirements of lubrication imposed by the VW 508.00-509.00 standards.

> **Performance level:** SAE 0W-20 / VW 508.00-509.00 / VW TL 52577 / Porsche C20

TECHNOS XFS V2AE 0W-20 COD. 366

Intended for the last generation Volvo engines that require from oil to exceed the strict requirements of lubrication imposed by the VCC RBS0-2AE standards.

> **Performance level:** SAE 0W-20 / API SN / ACEA C5 / Volvo VCC RBS0-2AE

TECHNOS XFS M2971 0W-20 COD. 371

Intended for the last generation engines of the last Jaguar and Mercedes generation, that require from oil to exceed the strict requirements of lubrication imposed by the MB229.71 standards.

> **Performance level:** SAE 0W-20 / API SN / ACEA C5 / JLR 51.5122 / MB 229.71

TECHNOS XFS F950A 0W-30 COD. 367

Intended for the last generation engines that require greatly performing SAE 0W-30 lubricants of level Ford WSS-M2C950-A, ACEA C2.

> **Performance level:** SAE 0W-30 / ACEA C2
Ford WSS-M2C950-A / JLR 03.5007

> **Suitable for use:** Fiat 9.55535-GS1 / Fiat 9.55535 - DS1

TECHNOS XFS PC2312 0W-30 COD. 368

Intended for the last generation engines of the PSA group that require from oil to exceed the strict requirements of lubrication imposed by the B71 2312 standards.

> **Performance level:** SAE 0W-30 / ACEA C2 / PSA B71 2312

TECHNOS XFS AV504 0W-30 COD. 369

Intended for the last generation engines that require greatly performing SAE 0W-30 lubricants of level VW 504.00-507.00, ACEA C3 and Porsche C30.

> **Performance level:** SAE 0W-30 / ACEA C3 / VW 504.00 - 507.00 / Porsche C30
> **Suitable for use:** BMW LL-04 (N20 PERFORMANCE) / MB 229.51

TECHNOS XFS AV504 5W-30 COD. 308

Intended for the last generation engines that require greatly performing lubricants.

> **Performance level:** SAE 5W-30 / API SN / ACEA C3 / MB 229.51
VW 504.00 - 507.00 / BMW LL-04 (N20 PERFORMANCE) / Porsche C30

TECHNOS XFS C2-C3 5W-30 COD. 342

Intended for the last generation engines that require greatly performing lubricants SAE 5W-30 di livello ACEA C2-C3.

> **Performance level:** ACEA C2-C3 / API SN / MB 229.52-229.51-229.31
BMW LL-04 (N20 PERFORMANCE) / GM Dexos 2 / Renault RN0700-RN0710

TECHNOS XFS C3 5W-40 COD. 350

Intended for the last generation engines that require greatly performing lubricants SAE 5W-40 di livello ACEA C3.

> **Performance level:** ACEA C3 / API SN / MB 229.52-229.51-229.31
BMW LL-04 (N20 PERFORMANCE) / Porsche C40
GM Dexos 2 / Renault RN0700-RN0710

TECHNOS XFS RANGE



PREMIUM TECHNOLOGY CAR LUBRICANTS



TECHNOS C60

PREMIUM TECHNOLOGY LUBRICANTS FOR DIESEL AND GASOLINE ENGINES OF THE LATEST GENERATION, EQUIPPED WITH EXHAUST GAS AFTER-TREATMENT SYSTEMS THAT REQUIRE MID SAPS LUBRICANTS.



TECHNOS RANGE



Thanks to its exclusive Technology, Bardahl meets two conflicting requirements: high performance and energy savings.

Technos C60 is a Fuel Economy oil with a high HTHS viscosity. This product grants excellent performance in terms of **anti-friction and anti-wear protection**, a **great fluidity of the oil** even under conditions of extremely low temperatures and an **extraordinary viscosity stability** with temperature changes. **Mid SAPS Technology** for a low content of sulphated ashes, phosphorus and sulphur.

> Ideal also for sporty driving, thanks to the Bardahl Polar Plus + Fullerene formula which increases the performance of the engine, protecting it from wear and corrosion. Technos C60 grants **a longer life and an excellent cleanliness** of all the mechanical parts of the engine.

TECHNOS C60 5W-30

For engines requiring fluid lubricants at low temperature and immediate lubrication at starting.

> **100% synthetic**

> **Performance level:** SAE 5W-30 / ACEA C3 / API SN-CF / MB 229.51-229.52
BMW LL-04 / Renault RN0700-RN0710 / GM Dexos 2

COD. 311

TECHNOS C60 5W-40

For engines requiring fluid lubricants at low temperature and immediate lubrication at starting.

> **100% synthetic**

> **Performance level:** SAE 5W-40 / ACEA C3 / API SN-CF
VW 502.00-505.01 / MB 229.51-226.5 / BMW LL-04 / Porsche A40
Ford WSS-M2C917A / Renault RN0700-RN0710 / GM Dexos 2

COD. 314

PREMIUM QUALITY CAR LUBRICANTS



XTA POLARPLUS

GREATLY PERFORMING PREMIUM QUALITY LUBRICANT FOR GASOLINE ENGINES, ASPIRATED OR SUPERCHARGED, AND FOR DIESEL AND TURBO-DIESEL ENGINES WITH DIRECT INJECTION.



The employment of precious synthetic bases and special high stability polymers gives XTS Polarplus an extraordinary resistance to thermal oxidation, also granting the lubricating film a **greater effectiveness** and a strong resistance also with **particularly high temperatures**.

> Thanks to the Bardahl Polar Plus formula, this product can offer a **better protection against wear and corrosion**, granting a **longer life** and **cleanliness** of all the parts of the engine.

XTA POLARPLUS 5W-30

For gasoline engines, aspirated or supercharged, and for diesel and turbo-diesel engines with direct injection.

> **100% synthetic**

> **Performance level:** SAE 5W-30 / ACEA A3-B4 / API SL-CF / MB 229.5
VW 502.00-505.00 / BMW LL-01 / Opel LL-A-025 / Opel LL-B-025 / Renault RN0700
COD. 302

XTA POLARPLUS C2 5W-30

For gasoline and diesel engines of the latest generation that require Fuel Economy lubricants compatible with exhaust gas after-treatment systems.

> **100% synthetic**

> **Performance level:** SAE 5W-30 / ACEA C2-A5-B5 / API SN-CF
PSA B71 2290 / Renault RN0700
COD. 301

XTA POLARPLUS C3 5W-30

For gasoline and diesel engines of the latest generation equipped with exhaust gas after-treatment systems that require lubricants with a low SAPS content.

> **100% synthetic**

> **Performance level:** SAE 5W-30 / ACEA C3 / API SN-CF
MB 229.31 / BMW LL 04 / GM dexos 2
COD. 303

XTA POLARPLUS C4 5W-30

For gasoline and diesel engines of the latest generation equipped with exhaust gas after-treatment systems that require lubricants with a low SAPS content.

> **100% synthetic**

> **Performance level:** SAE 5W-30 / ACEA C4 / Renault RN0720 / MB 226.51
COD. 307

XTA POLARPLUS 5W-40

For engines requiring fluid lubricants at low temperature and immediate lubrication at starting.

> **100% synthetic**

> **Performance level:** SAE 5W-40 / ACEA A3-B4 / API SN-CF
MB 229.5 / VW 502.00-505.00 / BMW LL-01 / Opel LL-B-025
Porsche A40 / Renault RN0700-RN0710
COD. 304

XTA POLARPLUS C3 5W-40

For engines requiring fluid lubricants at low temperature and immediate lubrication at starting.

> **100% synthetic**

> **Performance level:** SAE 5W-40 / ACEA C3 / API SN-CF / MB 229.31-226.5
VW 505.00-505.01 / Porsche A40 / Ford 917A
Renault RN0700-RN0710 / GM Dexos 2
COD. 389

XTA POLARPLUS 10W-40

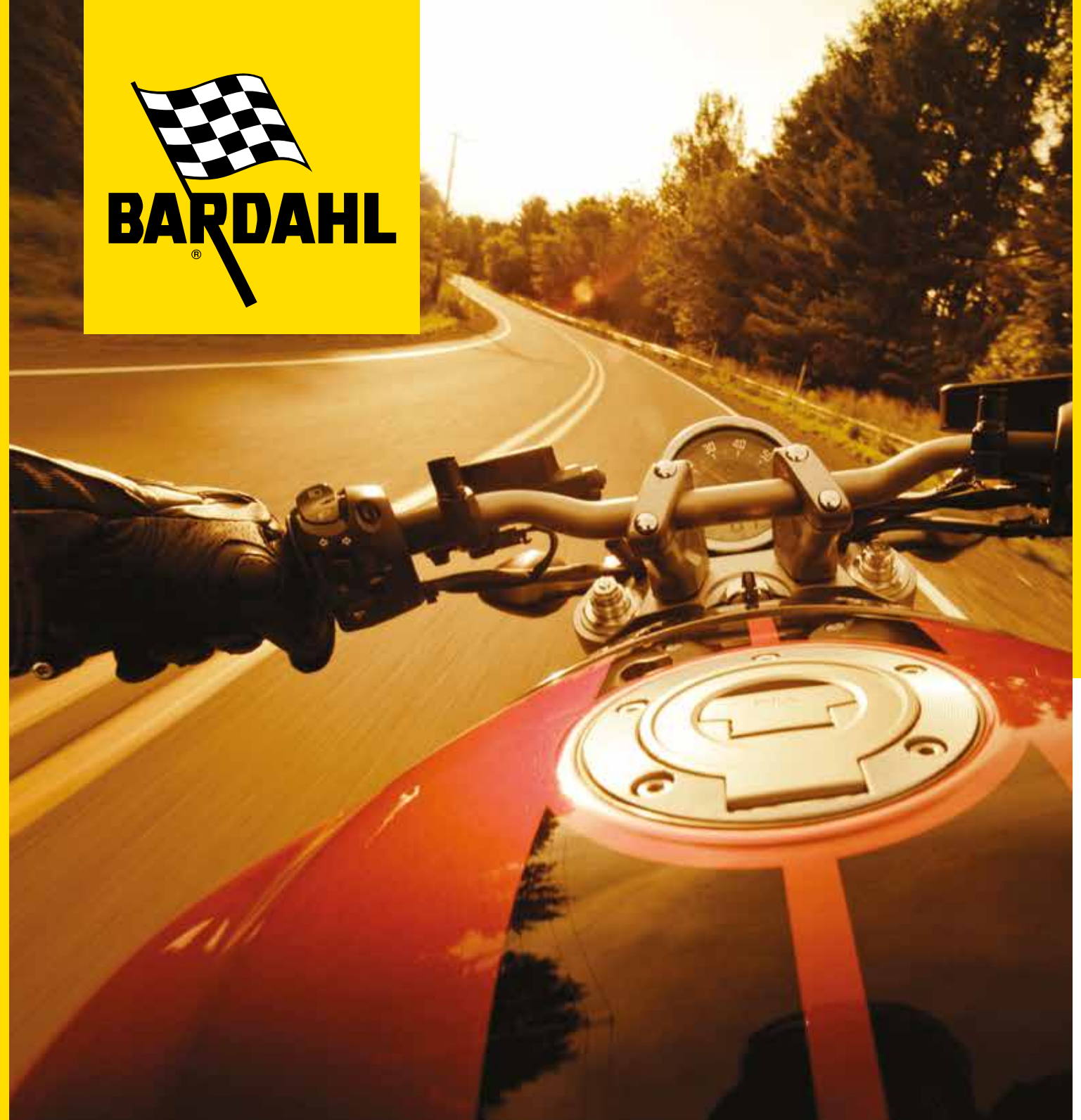
Meets the requirements of most manufacturers.

> **Performance level:** SAE 10W-40 / ACEA A3-B4 / API SN-CF
VW 501.01-505.00 / MB 229.1
COD. 305

XTA POLARPLUS RANGE



“ SINCE 1939 BARDAHL HAS BEEN INVESTING IN RESEARCH AND DEVELOPMENT AND COMMITS ITSELF TO OFFER THE MARKET HIGHLY TECHNOLOGICAL PRODUCTS, WHICH ARE UNIQUE IN THEIR KIND. ”



**COMPLETE RANGE
LUBRICANTS FOR 2-4
STROKE MOTORCYCLE
ENGINES**

> DISCOVER OUR MOTORCYCLE LINES

RACING PERFORMANCE LUBRICANTS FOR 4-STROKE MOTORCYCLE ENGINES



XT-4 C60 RACING

SPECIAL LUBRICANT FOR SPORTS USE, ESPECIALLY FORMULATED FOR 4-STROKE RACING MOTORCYCLE ENGINES AND HYPER-SPORT ENGINES WITH HIGH POWER, AND FOR OFF-ROAD MOTORCYCLES. SUITABLE FOR ENGINES WITH OR WITHOUT WET CLUTCH.



The employment of very precious synthetic bases and special high shear stability polymers permits to XT-4 C60 Racing to maintain a high oil viscosity up to extremely high temperatures, thus assuring an effective lubrication at all times, even under extreme conditions.

- Fights oil degradation that occurs due to thermal oxidation
- Minimizes the lowering of viscosity caused by extended usage, due to shear stress
- Offers an effective lubrication at engine starting and with cold engine

> The advanced Bardahl technology, thanks to its Polar Plus + Fullerene formula and to proper additives for 4-stroke engines with oil-bath clutch (Clutch Performance Technology), allows to enhance the efficiency of engine and transmission, providing greater power and better acceleration.

XT-4 C60 RACING 10W-60

Ultragrade Viscosity.

> **100% synthetic**

> **Performance level:** SAE 10W-60 / API SM / JASO MA-MA2

COD. 347

PURE PERFORMANCE LUBRICANTS FOR 4-STROKE MOTORCYCLE ENGINES



XT-S C60

PURE PERFORMANCE. IT'S A RANGE OF COMPLETELY SYNTHETIC LUBRICANTS, ADDRESSED TO THE MOST DEMANDING USERS AND SUITABLE TO BE USED IN 4-STROKE MOTORCYCLE ENGINES WITH A VERY HIGH SPECIFIC POWER.



XT-S C60 RANGE



Formulated to offer the best performance with any type of driving and propeller, always granting the best protection of the engine even under the most critical conditions of lubrication.

These products represent the top exclusive Bardahl technologies and the formulation solutions available.

- **Bardahl Polar Plus Fortified + Fullerene: best engine protection even in extreme lubrication conditions**
- **Clutch Performance Technology : excellent clutch performance**
- **Proper additives for propellers of 4-stroke motorcycles: best possible stability at high temperature and excellent lubrication of motor and transmission**
- **High shear stability polymers: best resistance to mechanical shear stress**
- **High quality synthetic bases: excellent resistance to degradation due to thermal oxidation, low evaporability, best fluidity at low temperatures**

> For 4-stroke engines of hyper-sport, sport-tourer, on/off-road motorcycles with high power, multi-cylinder and single-cylinder engines. For engines with or without wet clutch.

XT-S C60 5W-40

Maximizes the energy performance of the propeller. Particularly indicated when high fluidity performance at low temperature is required.

> **100% synthetic**

> **Performance level:** SAE 5W-40 / API SM / JASO MA - MA2
COD. 355

XT-S C60 10W-30

Maximizes the energy performance of the propeller. Specific for engines requiring low viscosity lubricants.

> **100% synthetic**

> **Performance level:** SAE 10W-30 / API SM / JASO MA - MA2
COD. 356

XT-S C60 10W-40

Assures the best protection of the engine even in the most critical situations of lubrication.

> **100% synthetic**

> **Performance level:** SAE 10W-40 / API SM / JASO MA - MA2
COD. 357

XT-S C60 10W-50

Assures the best protection of the engine even in the most critical situations of lubrication. Particularly suitable where it is required a better control of the decay of oil viscosity due to an excessive increase of temperature and fuel dilution.

> **100% synthetic**

> **Performance level:** SAE 10W-50 / API SM / JASO MA - MA2
COD. 358

XT-S C60 10W-60

Assures the best protection of the engine even in the most critical situations of lubrication. Particularly suitable where it is required a better control of the decay of oil viscosity due to an excessive increase of temperature and fuel dilution.

> **100% synthetic**

> **Performance level:** SAE 10W-60 / API SM / JASO MA - MA2
COD. 359

PREMIUM PERFORMANCE LUBRICANTS FOR 4-STROKE MOTORCYCLE ENGINES



XTC C60

PREMIUM PERFORMANCE LUBRICANT, SPECIFIC FOR HYPER-SPORT, SPORT-TOURING, ON/OFF ROAD MOTORCYCLES WITH A HIGH POWER, MULTI-CYLINDER AND SINGLE-CYLINDER ENGINES WITH OR WITHOUT WET CLUTCH.



XTC C60 RANGE



The employment of precious synthetic bases and special high shear stability polymers gives XTC C60 an extraordinary **resistance to thermal oxidation**, conferring to the lubricating film a superior effectiveness, that makes it able to **resist to extremely high temperatures** also.

The advanced Bardahl technology, thanks to its Polar Plus + Fullerene formula and to proper additives for 4-stroke engines with wet clutch (Clutch Performance Technology), allows to enhance the efficiency of transmission and engine, providing **greater power and better acceleration**.

> Bardahl XTC C60 grants a very good control of deposits and wear, thus extending the life of the engine in its maximum efficiency.

XTC C60 10W-30

For engines requiring low viscosity lubricants.

> **Performance level:** SAE 10W-30 / API SM / JASO MA - MA2
COD. 348

XTC C60 10W-40

Meets the requirements of most American, Japanese and European manufacturers.

> **Performance level:** SAE 10W-40 / API SM / JASO MA - MA2
COD. 3261

XTC C60 10W-50

Assures the best engine protection also in the most critical situations of lubrication. Particularly suitable where it is required a better control of oil viscosity decay due to an excessive increase of temperature and fuel dilution.

> **100% synthetic**
> **Performance level:** SAE 10W-50 / API SM / JASO MA - MA2
COD. 338

XTC C60 15W-50

For engines requiring high viscosity lubricants at high temperatures and a good fluidity at starting and with cold motor. Controls fuel consumption.

> **Performance level:** SAE 15W-50 / API SM / JASO MA - MA2
COD. 3241

XTC C60 SCOOTER 5W-40

For scooter engines which require fluid lubricants at low temperature and an immediate lubrication at starting.

> **100% synthetic**
> **Performance level:** SAE 5W-40 / API SM / JASO MA - MA2
COD. 362

PREMIUM PERFORMANCE LUBRICANTS FOR 4-STROKE ENGINE MOTORCYCLES



XTC C60 OFF-ROAD

PREMIUM PERFORMANCE LUBRICANT, ESPECIALLY FORMULATED TO MEET THE MANY AND CONTRASTING REQUIREMENTS OF LUBRICATION OF THE 4-STROKE OFF-ROAD MOTORCYCLE ENGINES.



XTC C60 OFF-ROAD RANGE



- Resistance to heat
- Heavy operation
- Gear-box and clutch lubrication

The employment of precious synthetic bases and special high shear stability polymers permits to reach **extraordinary performance** in terms of **resistance to thermal decay** due to oxidation and in terms of strength of the lubricating oil veil even under **the most extreme conditions** of use.

Thanks to the special additive **Clutch Performance Technology** for 4-stroke engines of motorcycles with integrated gear-box and oil viscosity decay clutch, and thanks to the effectiveness of the **Polar Plus + Fullerene formula**, Bardahl XTC C60 Off-Road permits to **enhance the efficiency of transmission** and engine, to the advantage of a **better acceleration**.

Bardahl XTC C60 Off-Road grants a very good control of deposits and wear, thus **extending the life of engine and transmission**.

- > Special for Cross, Enduro, on/off road, ATV motorcycles.

XTC C60 OFF-ROAD 10W-40

Meets the requirements of most Japanese, European and American manufacturers.

> **100% synthetic**

> **Performance level:** SAE 10W-40 / API SM / JASO MA - MA2
COD. 3511

XTC C60 OFF-ROAD 10W-50

For engines requiring high viscosity lubricants at high temperatures and excellent fluidity at starting and with cold motor. Suitable for sports use. Controls fuel consumption.

> **100% synthetic**

> **Performance level:** SAE 10W-50 / API SM / JASO MA - MA2
COD. 3401

PREMIUM QUALITY LUBRICANTS FOR 4-STROKE ENGINE MOTORCYCLES



XTM SYNT

GREATLY PERFORMING LUBRICANTS FOR 4-STROKE MOTORCYCLE ENGINES WITH OR WITHOUT WET CLUTCH.

The advanced Bardahl technology, thanks to its Polar Plus formula and to proper additives for 4-stroke engines with wet clutch (Clutch Performance Technology), allows to **enhance the efficiency of engine and transmission**, providing **greater power and better acceleration**.

> Bardahl XTM Synt grants a very good control of deposits and wear, thus extending the life of the engine in its maximum efficiency.

XTM SYNT 10W-40

Meets the requirements of most Japanese, European and American manufacturers.

> **Performance level:** SAE 10W-40 / API SL / JASO MA - MA2
COD. 339

XTM SYNT 15W-50

For engines requiring high viscosity lubricants at high temperatures and a good fluidity at starting and with cold motor. Controls fuel consumption.

> **Performance level:** SAE 15W-50 / API SL / JASO MA - MA2
COD. 344

XTM SYNT 20W-50

For engines requiring high viscosity lubricants at high temperatures and a good fluidity at starting and with cold motor. Controls fuel consumption.

> **Performance level:** SAE 20W-50 / API SL / JASO MA - MA2
COD. 360

XTM SCOOTER SYNT 5W-40

For scooter engines which require fluid lubricants at low temperature and immediate lubrication at starting.

> **100% synthetic**
> **Performance level:** SAE 5W-40 / API SL / JASO MA
COD. 363

XTM SCOOTER SYNT 10W-40

High performance lubricant for the modern 4-stroke scooter engines.

> **Performance level:** SAE 10W-40 / API SL / JASO MA
COD. 361



XTM SYNT RANGE



RACING PERFORMANCE LUBRICANTS FOR 2-STROKE MOTORCYCLE ENGINES

KXT RACING

TECHNOLOGICALLY ADVANCED OIL WITH HIGH PERFORMANCE, DEVELOPED TO BE USED IN 2-STROKE MOTORCYCLE ENGINES.



Its revolutionary formula starts a new generation of synthetic oils. Its Bardahl Polar Plus formula, along with the special synthetic esters employed, gives oil a greater adhesiveness to metal surfaces. This assures the maximum anti-seizure safety even under the most critical conditions of use. By reducing friction between the parts of the engine, it increases its power. KXT is developed with special additives at low content of ashes, and therefore **the best possible protection** and a **better cleanliness of the engine** are assured. Regarding cleanliness and lubricity, it greatly exceeds the limits provided for by JASO FD standards.

- > 100% synthetic
- > Viscosity grade: SAE 60

COD. 221

KXT OFF-ROAD

SPECIAL LUBRICANT INTENDED FOR SPORT VEHICLE USE. ESPECIALLY DEVELOPED FOR 2-STROKE ENGINES EMPLOYED IN CROSS, ENDURO AND TRIAL MOTORCYCLES WORKING AT HIGH REVOLUTIONS AND SUBJECTED TO HEAVY LOADS.



It is formulated with synthetic esters and special complex esters at very high viscosity, which give the oil greater anti-seizure and EP properties, such as to assure the best possible engine lubrication and permit at the same time a "clean" combustion, free from deposits. The low ash additives of new generation, with a high deterging power, employed in this formula, consent to keep clean the hottest parts of the thermal group and avoid the accumulation of deposits which tend to lock the segments in the ring sticks and provoke irregular wear of the cylinder. Contains the exclusive Bardahl Polar Plus formula that is able to **significantly reduce friction on all parts of the engine**. It's a pre-diluted lubricant, suitable to be employed in gasoline for the manual preparation of blend, in compliance with the employment percentages suggested by the manufacturer to obtain an optimal carburetion.

- > **Employment:** concentrated formula, to be used at a low dosage. For manual blending.
- > **Viscosity grade:** SAE 50

COD. 229

KXT KART

HIGHLY PERFORMING SPECIAL LUBRICANT, INTENDED FOR SPORT VEHICLE USE AND DEVELOPED FOR 2-STROKE KART ENGINES WORKING AT HIGH REVOLUTIONS AND SUBJECTED TO HEAVY LOADS.



It is formulated with synthetic esters and special complex esters at very high viscosity which give the oil greater anti-seizure and EP properties, such as to assure the best possible engine lubrication and at the same time to permit a "clean" combustion, free from deposits. Its Bardahl Polar Plus formula assures a greater power with the maximum anti-seizure safety, even under the heaviest conditions of work of the engine. **KXT Kart** is validated by the **International Karting Commission (CIK-FIA)**.

- > **Contains castor oil.**
- > **Employment:** concentrated formula, to be used at a low dosage. For manual blending.
- > **Viscosity grade:** SAE 60

COD. 230

PREMIUM PERFORMANCE LUBRICANTS FOR 2-STROKE MOTORCYCLE ENGINES



KTS COMPETITION

IT IS A COMPLETELY SYNTHETIC LUBRICANT, INTENDED FOR HIGHLY PERFORMING 2-STROKE ENGINES OF ROAD, ENDURO, OFF-ROAD AND QUAD MOTORCYCLES, SNOWMOBILES AND SCOOTERS, ALL OF THEM SUBJECTED TO HEAVY LOADS AND WORKING AT HIGH REVOLUTIONS.



Ideal for automatic lubrication systems and DFI (Direct Fuel Injection). Its Bardahl Polar Plus formula assures a greater power with the maximum anti-seizure safety, even under the heaviest conditions of work of the engine. The employment of special synthetic esters grants a better protection of the motor. KTS Competition, containing the additive **Bardahl Octane Booster** and **special friction modifier components**, permits to increase the power of the engine, thus maximizing its performance. Also suitable for the manual preparation of the blend, following the manufacturer's directions.

- > **Employment:** for automatic blending systems.
- > **100% synthetic**
- > **Performance level:** API TC / JASO FD / ISO-L-EGD COD. 220



KGR INJECTION

PREMIUM PERFORMANCE LUBRICANT, INTENDED FOR HIGHLY PERFORMING 2-STROKE ENGINES OF ROAD, ENDURO, OFF-ROAD AND QUAD MOTORCYCLES, SNOWMOBILES AND SCOOTERS, ALL OF THEM SUBJECTED TO HEAVY EXERCISE AND WORKING AT HIGH REVOLUTIONS.



Perfect for automatic lubrication systems and DFI (Direct Fuel Injection). It is formulated with special high viscosity synthetic bases that assure an effective lubrication at all times and at the same time permits an excellent and clean combustion, free from deposits. The additives used in the formula, at low ash content and at high deterging power, consent **to keep clean the hottest parts of the thermal group, preventing the accumulation of deposits on the sparking plug, the lights, the exhaust valves, and the area between piston groove and piston ring.** Contains the exclusive anti-friction Bardahl Polar Plus formula which builds a molecular lubricating film that, chemically settling on the metal, creates a permanent protection barrier, significantly reducing friction and wear on all lubricated parts. Also suitable for the manual preparation of the blend, following the manufacturer's directions.

- > **Performance level:** API TC / JASO FD / ISO-L-EGD COD. 226

PREMIUM QUALITY LUBRICANTS FOR 2-STROKE MOTORCYCLE ENGINES



SCOOTER INJECTION

HIGH PERFORMANCE LUBRICANT, DEVELOPED FOR AIR OR WATER COOLED MODERN 2-STROKE ENGINES OF SCOOTERS. IDEAL FOR AUTOMATIC BLENDING SYSTEMS AND ALSO SUITABLE FOR THE MANUAL PREPARATION OF THE BLEND, FOLLOWING THE MANUFACTURER'S DIRECTIONS.



Its Bardahl Polar Plus formula assures a higher power along with the best possible anti-seizure safety even in the most critical uses of the motor. "Low ash" formula: reduces deposits from high temperature and grants perfect compatibility with catalysts. Assures better cleanliness of the engine and less exhaust smoke.

- > **Employment:** for automatic or manual blending systems.
- > **Performance level:** API TC / JASO FD / ISO-L-EGD COD. 201



VBA SYNT

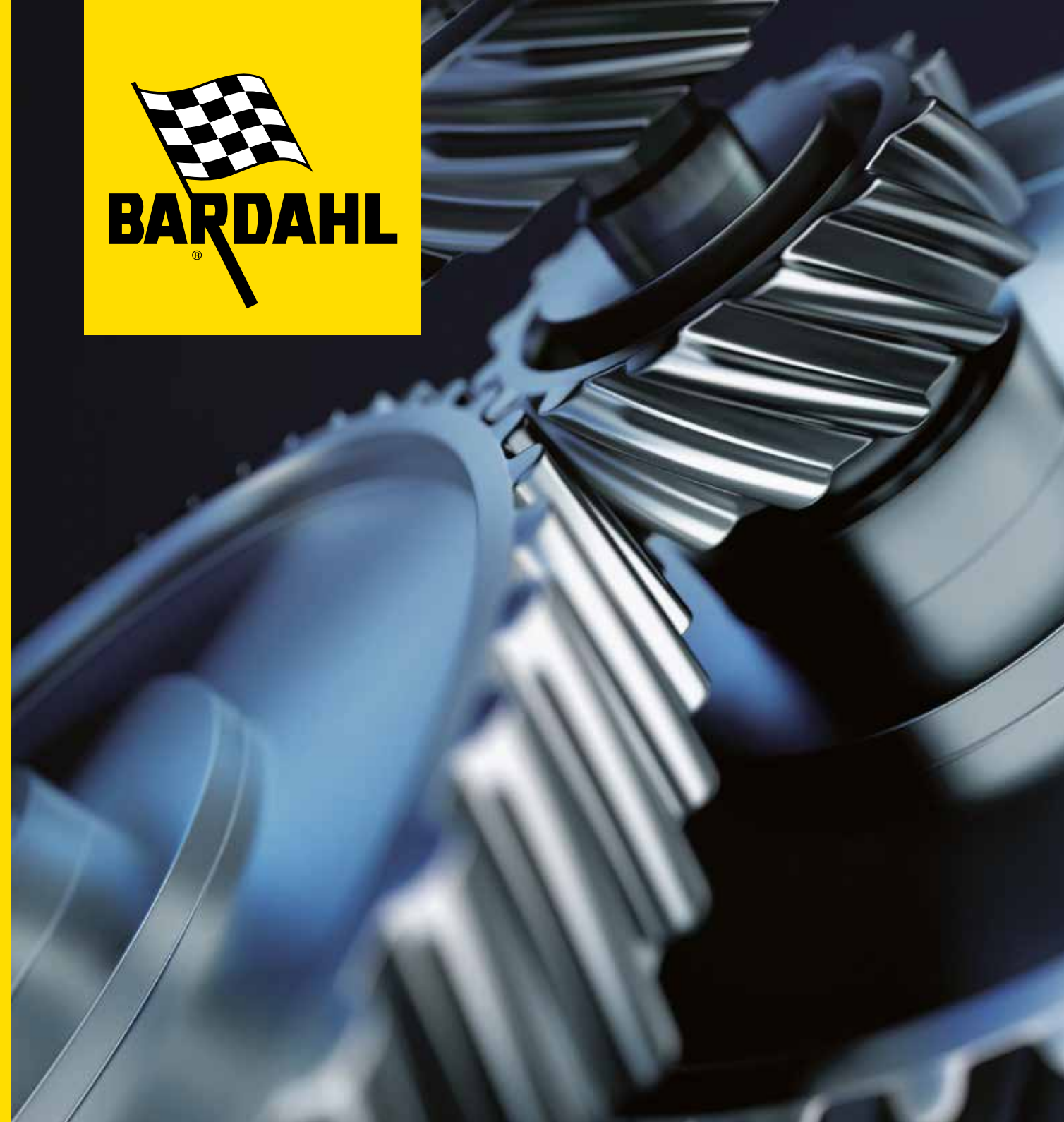
HIGH PERFORMANCE LUBRICANT, SUITABLE TO BE USED FOR MANY PURPOSES. FORMULATED FOR A WIDE RANGE OF 2-STROKE ENGINES OF SCOOTERS, MOTORCYCLES, SMALL COMMERCIAL VEHICLES, AND GARDENING EQUIPMENT OF ANY KIND.



Its Bardahl Polar Plus formula assures the best possible anti-seizure safety even in the most critical uses of the motor. Remarkable lubricating and deterging power for an excellent cleanliness of the engine. Reduces smoke emissions and formation of carbon deposits in the engine and in the exhaust system. Protects mechanical parts from wear and corrosion.

- > **Employment:** for automatic or manual blending systems.
- > **Performance level:** API TC COD. 202

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FLUIDS FOR TRANSMISSIONS

MANUAL AND AUTOMATIC TRANSMISSIONS

> DISCOVER OUR OIL FOR TRANSMISSIONS AND DIFFERENTIALS

TRANSMISSION AND DIFFERENTIAL OILS

GEAR OIL 4005 LS



Synthetic lubricant for gears, specific for self-blocking differentials of high performance vehicles, both road and off-road ones, for which lubricants with Limited Slip characteristics are required. Its extraordinary EP and AW (Extreme Pressure and Anti-Wear) properties, the special Limited Slip additive and its extreme resistance to decay from use make it suitable to be used on traditional hypoid and self-locking heavily stressed differential gears, and in gear systems exposed for a long time to high temperatures.

- Best protection of gears against wear and heavy loads
 - Excellent protection against rust and corrosion
 - Better efficiency of transmission, improves fuel saving
 - Extraordinary performance at low temperatures
 - Remarkable resistance against decay and thermal oxidation
 - Prevents the formation of foam
- > 100% synthetic

> Performance level:
SAE 75W-140 / API GL-5 / MT-1 / MACK GO-J
SAE J2360
COD. 426

GEAR OIL 4005



Total Driveline Lubricant, formulated to lubricate manual and differential transmissions of sports cars. Its extraordinary EP (Extreme Pressure) properties and its extreme resistance to decay from use make it suitable to be used on strongly stressed hypoid differential gears and in gear systems exposed for a long time to high temperatures.

- Best protection of gears against wear and heavy loads
 - Better efficiency of transmission
 - Remarkable resistance against decay and thermal oxidation
 - Compatibility with synchronizers and elastomers
- > 100% synthetic

> Performance level:
SAE 75W-90 / API GL-4 e API GL-5 / MT-1 / SAE J2360
MIL-PRF-2105E / MAN M 3343 Type S - M 341 Type E-3
DAF / IVECO / SCANIA STO 1:0 /
MB 235.8 / ARVIN MERITOR / MACK GO-J / ZF TE-ML 02B,
05B, 07A, 08, 12B, 16F, 17B, 19C, 21B
COD. 430

T&D SYNTHETIC OIL



Total Driveline Lubricant, formulated to lubricate manual and differential transmissions of cars and commercial vehicles. Its extraordinary EP (Extreme Pressure) properties make it suitable to be used on hypoid differential gears even if subjected to heavy loads and operating under severe working conditions.

- Best protection of gears against wear and heavy loads
- Better efficiency of transmission
- Remarkable resistance against decay and thermal oxidation
- Compatibility with synchronizers and elastomers

> Performance level:
SAE 75W-90 / API GL-5 e GL-4 / MT-1
COD. 425

T&D OIL



Total Driveline Lubricant, formulated to lubricate manual and differential transmissions of cars and commercial vehicles. Its extraordinary EP (Extreme Pressure) properties make it suitable to be used on strongly loaded gear systems operating under severe working conditions, and critical lubrication situations, such as hypoid differentials, heavy vehicle axles and final reduction gears.

- Best protection of gears against wear and heavy loads
- Better efficiency of transmission
- Remarkable resistance against decay and thermal oxidation
- Compatibility with synchronizers and elastomers

> Performance level:
API GL-5 e GL-4 / MT-1
SAE 80W-90 COD. 421
SAE 85W-140 COD. 423
API GL-5 / SAE 80W-90 LS COD. 422

TRANSMISSION OILS

DCTF SPEED MULTIVEHICLE



A totally synthetic Multi-Vehicle fluid, formulated for most automatic transmissions with double wet clutch for cars. Particularly suitable for W-DCT transmissions (DSG, PDK, DKG, EDC, etc.), employed by the main car manufacturers.

- **Better efficiency and reactivity of transmission**
- **Quick and soft gear changes, best driving comfort**
- **Better protection of gears and bearings against wear and heavy loads**
- **Better resistance against decay, thermal oxidation and shearing stress, keeps transmission clean and lubricated in each part**
- **Permits to extend oil change intervals at best, as provided for by the manufacturer**
- **Constant performance for a long time and at extreme environmental temperatures.**
- **Maximum flexibility of employment, permits to cover most W-DCT applications present on the market, also reaching better results than with the so-called "genuine oils"**
- **Performance of high compatibility with gaskets**
- **Totally formulated with synthetic bases.**

> Suitable for use:

Audi VW TL 052 182, TL 052 529, TL 055 529 • **BMW** (Getrag) 83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477 (BMW DCTF-1) • **Citroen Peugeot** 9734.S2
Ferrari TF DCT-F3 • **Fiat** BOT 341 • **Ford /Getrag** M2C936A (BOT 341) • **Mercedes** 236.21, 236.25 • **Mitsubishi** MZ320065 Dia-Queen SSTF-I • **Nissan** Ford M2C936A
Porsche (ZF) 999.917.080.00 (FFL-3)
Renault BOT 450 • **Volvo** 1161838, 1161839

COD. 427

CVTF SPEED MULTIVEHICLE



BARDAHL CVTF SPEED MULTIVEHICLE is a totally synthetic fluid formulated for most automatic continuously variable transmissions of the latest generation, both belt-drive and chain-drive, used by most American, Asiatic and European manufacturers.

- **Better efficiency of transmission**
- **Higher characteristics of durability of the correct properties of friction and higher anti-vibration performance**
- **Best protection against wear of gears, pulleys, belt and chain**
- **Better resistance against decay, thermal oxidation and shearing stress**
- **Constant performance for a long time and at extreme environmental temperatures.**
- **Permits to extend oil change intervals at best, as provided for by the manufacturer.**
- **Maximum flexibility of employment**
- **Totally formulated with synthetic bases**

> Suitable for use:

Audi VW Audi Multitronic, TL 521 16 (G 052 516), TL 521 80 (G 052 180)
BMW MINI EZL 799 • **Daihatsu** AMMIX CVTF DFE, AMMIX CVT Fluid DC, AMMIX CVT Fluid DFC • **Dodge Jeep Chrysler** NS-2 / **MOPAR** CVT+4
Ford CVT30, MERCON C, CVT23 • **GM / Saturn** DEX-CVT • **Honda** HMMF (without starting clutch), HCF2, Z-1 (CVT model, without starting clutch, not SFU for 2001-2007 Honda Fit & Jazz) • **Hyundai Kia** CVT-J1, SP III (CVT model) • **Idemitsu** CVTS-EX1 • **Mazda** JWS 3320 • **Mercedes** 236.20
Mitsubishi CVTF-J1 (MMC Diaqueen CVT Fluid J1), CVTF-J4/-J4+ (MMC Diaqueen CVT Fluid J4/J4+), Diaqueen SP-III (CVT model only)
Nissan NS-1, -2, -3 • **Punch** CVT • **Shell** Green 1V • **Subaru** CVT, iCVT FG, ECVT, Lineartronic chain CVT, CVT II Fluid, Lineartronic High Torque (HT) CVT Fluid; • **Suzuki** CVTF TC, CVTF 3320, NS-2, CVT Green 1 & 2
Toyota CVTF TC, CVTF FE

COD. 439

ATF SPEED D-III H PLUS



BARDAHL ATF SPEED D-III G is a totally synthetic Multi-Vehicle fluid, formulated for most automatic transmissions and for the transmissions of the power steering of cars and commercial vehicles, for which the manufacturer suggests ATF type fluids.

- **Better efficiency of transmission**
- **Best protection of gears against wear**
- **Better resistance against decay and thermal oxidation, keeps transmission clean and lubricated in each part**
- **Constant performance for a long time and at extreme environmental temperatures.**
- **Permits to extend oil change intervals at best, as provided for by the manufacturer.**
- **Maximum flexibility of employment,**
- **Totally formulated with synthetic bases.**

> Suitable for use:

Audi VW G 052 025 (09M), G 052 990 (09A), G 052 162
BMW LT41141, LA2634, ETL 7045, 8072B
Chrysler +3, +4 / **Ford** M, MV / **GM** D-IIIE, D-IIIG, D-IIIH
Honda Z1 • **Hyundai/KIA** SP-III • **Jaguar** Idemitsu K17
JASO 1A • **Land Rover** Texaco N402 • **Mazda** ATF M-III, M5
MB 236.3, 236.5, 236.6, 236.7, 236.9, 236.10, 236.11, 236.12
Nissan Matic D, J, K • **Subaru** ATF, plus ATF-HP
Toyota T-III, T-IV • **Allison** C4, TES-295 /
Caterpillar TO-2 / **MAN** 339V1, 339Z2 / **Voith**H5.6335
Volvo 97340, 97341 / **ZF** TE-ML 03D, 04D, 14A, 14B, 17C

COD. 438

ATF SPEED D-III G



BARDAHL ATF SPEED D-III G is a fluid expressly formulated to be used for most automatic transmissions and for the transmissions of the power steering of cars and commercial vehicles, for which the manufacturer suggests ATF type fluids of the GM D-IIIG level.

- **Better efficiency of transmission**
- **Best protection of gears against wear**
- **Longer life and better cleanliness of all transmission parts**
- **Better resistance against decay and thermal oxidation**

> Performance level - Suitable for use:

Ford M, TASA / **GM** D-IIIG, D-IIIE, D-IIID
MB 236.9 • **Allison** C4 / **MAN** 339V1, 339Z1 / **Voith** H5.6335
Volvo 97340, 97341 / **ZF** TE-ML 03D, 04D, 09, 14A, 17C

COD. 436

TRANSMISSION & DIFFERENTIAL OILS

ATF X-SPEED UNIVERSAL



BARDAHL ATF X-SPEED MULTIVEHICLE, is a totally synthetic Universal Multi-Vehicle fluid, formulated to be used in the automatic transmissions of cars, both of the latest generation, with a high number of gear ratio (6 and more speeds), and of the less recent transmissions, at 3, 4 and 5 gear ratio, for which the manufacturer anyway prescribes highly performing ATF fluids.

- Better efficiency of transmission, excellent fuel-economy properties
- Excellent protection of gears against wear
- Better resistance against decay and thermal oxidation, keeps transmission clean and lubricated in each part.
- Constant performance for a long time and at extreme environmental temperatures.
- Permits to extend oil change intervals at best, as provided for by the manufacturer.
- Maximum flexibility of employment
- Totally formulated with synthetic bases.

> Suitable for use:

DIII / DVI*

COD. 437

* For specifications, please see the bardahl.it web site or consult the proper folder.

MTF 75W80 / 75W90



BARDAHL MTF is a totally synthetic Multi-Vehicle fluid for vehicles. It has the fuel economy property, is developed to meet the requirements of lubrication of most manual transmissions and of gearbox-differential groups lubricated in block, for which API GL-4 premium performance are required (Gear Protection & Synchronizer Performance).

- Maximum protection of gears and bearings against wear, heavy loads and corrosion
- Better efficiency of transmission
- Assures longer life and better cleanliness of all transmission parts
- High resistance against decay and thermal oxidation
- Compatibility with synchronizers, gaskets and all materials generally used in manual transmissions
- Excellent flexibility of employment, meets the requirements of the most important European, Asiatic and American manufacturers
- Totally formulated with synthetic bases.

> Suitable for use MTF 75W80:

SAE 75W-80 • API GL-4 premium (Gear Protection & Synchroniser Performance) • BMW MTF LT-2, MTF LT-3 • Ford WSS-M2C200-D2
GM 1940004, 19259104 (BOT 303), 1940182, 1940764, 1940768
Honda MTF, MTF-II, MTF-III / Land Rover MTF 94
MB 235.10 MTF 94 • Nissan MT-XZ, MT-XZ TL (JR Type) / PSA B71 2330
Tranself NFJ, NFP, TRJ, TRT, TRZ • Volvo 97308, 97309
VW G 009 317, G 052 171, G 052 178, G 052 512, G 052 726,
G 060 726, G 052 527 A2, G 070 726 A2
COD. 428

> Suitable for use MTF 75W90:

SAE 75W-90 • API GL-4 premium (Gear Protection & Synchroniser Performance) • BMW MTF LT-4 • Ford WSD-M2C200-C
GM 1940764, 1940768 • VW G 50
COD. 429

GEAR BOX



Lubricant for motorcycle transmissions with separated lubrication of the gear-box. Its excellent anti-wear and anti-foam properties permit optimal lubrication and protection of mechanical parts even under the most critical conditions of use, enhancing the performance of transmission and permitting soft and precise gear changes.

- Clutch Performance Technology: improves efficiency of transmission for the best possible acceleration
- Maximum protection of gears and clutch
- Longer life and better cleanliness of all transmission parts
- High resistance against decay and thermal oxidation

> Performance level:

API SG / JASO MA
SAE 10W-30 COD. 402
SAE 10W-40 COD. 405

T-OIL EP



Lubricant for transmissions and gear systems of motorcycles and scooters that require oils with EP SAE 80W 90 performance. Its excellent E.P. (Extreme Pressure), anti-wear and anti-foam properties permit optimal lubrication and protection of gears even when they are strongly loaded and even under the most critical conditions of use.

- Remarkable EP performance
- Maximum protection of gears
- Greater efficiency of transmission
- Longer life and better cleanliness of all transmission parts
- High resistance against decay and thermal oxidation

> Performance level:

SAE 80W-90 / API GL-4 e GL-5
COD. 404

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ADDITIVES

> DISCOVER OUR ADDITIVES

ADDITIVES FOR OIL TREATMENT

ANTI-WEAR TREATMENT

Anti-friction treatment for motor oil



COD. 153



Concentrated treatment, formulated to increase the anti-wear and anti-friction properties of motor oils. Contains a unique formula based on Fullerene molecules, able to coat the mechanical parts of the engine and form a resistant anti-friction film at extreme pressures against wear and corrosion.

- Protects the motor from wear even in extreme lubrication situations, cold start and severe operation
- Enhances engine performance by improving its mechanical efficiency
- Reduces operating temperatures
- Promotes fuel economy

B2 OIL TREATMENT

Motor oil treatment



COD. 142



Treatment formulated to increase the viscosity of the motor oil at high temperature so as to allow a better seal between piston and cylinder and avoid the oil treatment in the combustion chamber.

- Reduces lubricant consumption
 - Helps keeping oil at a pressure when temperature is high
 - Increases the load capacity of the lubricating film
 - Improves motor performance and anti-friction and anti-wear properties of oil
 - Reduces exhaust smoke due to excessive oil combustion
- > Suitable to all gasoline and diesel motors.

ENGINE STOP LEAK

Stop of motor oil leaks



COD. 145

Formulated to give elasticity and volume back to engine sealing elastomers and to restore sealing power.

- Removes and prevents leaks and oozing from seal rings and elastomer seals
 - Compatible with all synthetic and mineral motor oils
- > Suitable for all aspirated or supercharged gasoline and diesel engines, including those of the latest generation equipped with exhaust gas post-treatment devices and those fueled with LPG and methane.

HYDRAULIC VALVE LIFTERS

Hydraulic valve lifters



COD. 151



Removes and dissolves sludge and deposits accumulated in the lubrication circuit and in the hydraulic valve lifters, thus restoring the correct operation of the valve train.

- Restores the correct operation of the hydraulic valve lifters, also decreasing their operation noisiness
 - Improves lubrication and mechanical performance of distribution parts, protecting them from wear
 - Increases EP performance of oil
- > Suitable for all aspirated or supercharged gasoline and diesel engines, including those of the latest generation equipped with exhaust gas post-treatment devices.

NO SMOKE

Exhaust smoke treatment



COD. 143



Treatment formulated to increase the viscosity of the motor oil at high temperature so as to allow a better seal between piston and cylinder and avoid the oil treatment in the combustion chamber.

- Reduces exhaust smoke due to excessive oil combustion
 - Reduces lubricant consumption
 - Helps keeping oil at a pressure when temperature is high
- > Suitable to all gasoline and diesel motors.

T&D ADDITIVE

Treatment of oil, gear-box and transmissions



COD. 140



Anti-wear, anti-friction and EP treatment for oils of manual transmissions and differentials. Permits to improve the protection, the performance and the operation of the mechanical system, even when it is strongly stressed and in conditions of extreme lubrication.

- Best protection against the wear of gears and mechanical parts
 - Higher efficiency of transmission and differential
 - Reduces friction and operation temperature
 - Reduces noisiness
- > Do not employ in the mechanisms whose manufacturer advises against the use of additives modifying the coefficient of friction.

AUTO-TRANSMISSION STOP LEAK

Stop of power steering leaks



COD. 152

Formulated to give elasticity and volume back to elastomers that seal the gear-box of the automatic change and the power steering, and to restore sealing power.

- Removes and prevents leaks and oozing from the seal rings and elastomer seals
- > Suitable to be used with oils like Dexron.

ENGINE TUNE-UP

Motor cleaner



COD. 147

Especially formulated for assuring a quick and effective cleaning of the motor.

- Removes and dissolves sludge and deposits accumulated in the engine and in the lubrication system
 - Restores the performance of the engine by removing dirt from valve train, valve lifters and segments.
- > Suitable to all gasoline and diesel motors.

ADDITIVES FOR DIESEL ENGINE TREATMENT

DIESEL INJECTOR CLEANER

Diesel injector cleaner



COD. 122



Impact treatment for cleaning and protecting the diesel engine fuel system. Restores the engine performance drop caused by the accumulation of deposits on the injectors.

- Clears injection holes from the deposits, thus allowing an optimal atomization of diesel fuel
 - Lubricates the injectors and the diesel pump, avoiding their seizure even in the presence of accidental water
 - It allows to reduce fuel consumption and polluting emissions
- > Suitable for all diesel engines, aspirated and supercharged, with indirect or direct high-pressure injection (common rail and injector-pump).

TOP DIESEL

Multipurpose treatment for diesel fuels



COD. 120



Multipurpose additive, specifically formulated to improve the performance of diesel fuels.

- Keeps injection holes free from deposits, also allowing an optimal atomization of diesel fuel
 - Lubricates the high pressure pump and the injectors
 - Protects fuel system from the negative effects of water (corrosion and rust) over time
 - Improves the efficiency of the engine also favoring fuel savings and reduction of polluting emissions
- > Suitable for all diesel engines, aspirated and supercharged, with indirect or high pressure direct injection (common rail and injector-pump).

DAB

Anti-bacterial agent for diesel fuel



COD. 123

Bardahl DAB is an effective biocide, specifically formulated for a total protection of diesel fuel against the attack of bacteria, fungi and algae.

- Its field of action is particularly wide, to fight all the micro-organisms present in diesel fuel.
- Its action allows to prevent fermentation in the liquid mass and drain tanks and pipelines (including underground ones) and vehicle supply tanks.

DPF CLEANER

Particulate filter cleaner



COD. 113

Allows the regeneration of the particulate filter and the maintenance of the correct differential pressure value inside the device.

- Cleans the filter
- Anti-particulate
- Longer life of FAP and DPF
- Effective regeneration.

WATER REMOVER

Dispersant of water for diesel and gasoline



COD. 106

Prevents and solves the problems related to the presence of water in the fuel (diesel and gasoline).

- Removes the water contained in the fuel, also ensuring the safe and optimal supply of the engine
 - Protects the fuel system and the engine from rust and corrosion
 - Prevents the seizure of the injectors and the damage to the fuel pump
 - Inhibits the formation of ice in carburetor and fuel filter
- > Suitable for all diesel and gasoline engines, aspirated and supercharged, with indirect or high pressure direct injection.

HOT FUEL

Antifreeze for diesel



COD. 121

Preventive anti-freeze treatment, formulated to improve the fluidity and the filterability point of diesel fuels at low temperatures.

- Inhibits the formation of paraffin crystals in the diesel fuel
- Helps keep the fuel system lubricated and protected
- Depending on the dosage and type of diesel fuel, it allows starting up to temperatures below - 25 ° C

FUEL STABILIZER

Stabilizer for diesel and gasoline



COD. 112

Additive for gasoline and diesel fuel, formulated to prevent fuel degradation when stored for a long time in tanks.

- > Also suitable for agricultural fuels
- > Directions: 150 ml treat 50 liters of fuel.

ADDITIVES FOR GASOLINE AND RADIATOR TREATMENT

FUEL INJECTOR CLEANER

Gasoline injector cleaner



COD. 101

Impact treatment for cleaning and protecting the fuel system of gasoline engines. Restores engine performance decline caused by accumulation of deposits.

- Cleans the injectors allowing an optimal atomization of the fuel
 - Inhibits the accumulation of deposits on the valves and in the combustion chamber
 - Allows to reduce fuel consumption and polluting emissions
 - Protects and lubricates the fuel system
- > Suitable for gasoline engines with traditional PFI injection and direct injection engines.

INSTEAD OF LEAD

Protective of the valve seats



COD. 103

Additive especially formulated for the protection of valves and their seats against wear.

- Preserves the valves, their seats and the top of the cylinder from precocious wear
 - Significantly increases the lubricating properties of gasoline
 - Restores the poor lubrication caused by LPG and methane fuel
- > Suitable for gasoline engines and dual fuel engines (gasoline - LPG and methane gas).

COOLING SYSTEM FAST FLUSH

Radiator cleaner



COD. 161

Treatment for cleaning and descaling liquid cooling circuits of cars.

- Removes deposits and impurities caused by rust and limestone
- Dissolves sludge, grease and oil deposits
- Restores the efficiency of the cooling circuit
- Maximum compatibility with all the elements of the cooling system
- Can be added to all types of coolant (C type, D type and universal type)

COOLING SYSTEM STOP LEAK

Stop of radiator leaks



COD. 160

It stops and prevents leaking and oozing of liquid from the radiator, from the hoses, from the connections and from the connections of the cooling system.

- Can be added to all types of coolant (C type, D type and universal type)
- Resists to high temperatures, pressures and vibrations
- Maximum compatibility with all the elements and materials forming the cooling system

OCTANE BOOSTER

Octane booster



COD. 104018



Additive specifically formulated to increase the octane number of the gasoline and maximize the engine performance.

- Greater recovery, acceleration and power
 - Reduces "knocking"
 - Promotes controlled and uniform combustion of gasoline
 - Inhibits the occurrences of early ignition and post-ignition
 - Protects the valves and their seats from wear
- > Particularly suitable for sports engines and engines with high specific power.

TOP BENZINA

Multipurpose gasoline treatment



COD. 107



Multipurpose treatment for gasoline.

- Keeps the injectors clean, also allowing an optimal fuel atomization
 - Inhibits the accumulation of deposits on the valves and in the combustion chamber
 - Helps to keep the fuel system lubricated and protected
 - Allows to reduce fuel consumption and polluting emissions
- > Suitable for engines with traditional PFI injection and engines with GDI direct injection.

OCTANE BOOSTER MOTORCYCLE

Octane booster



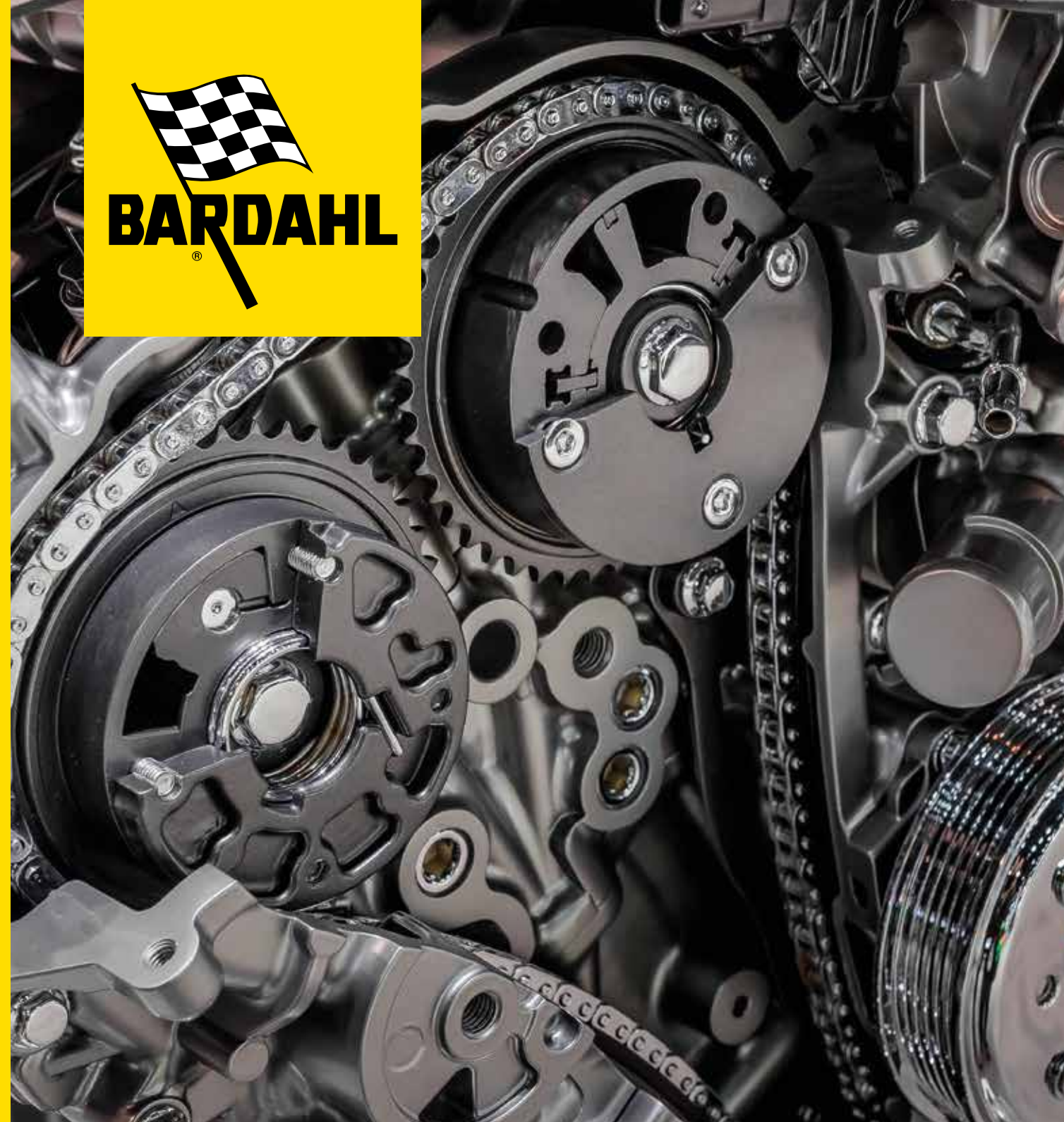
COD. 104011



Instantly increases the octane number of gasoline by 4-5 points and promotes a controlled and more uniform combustion.

- Greater recovery, acceleration and power
 - Reduces "knocking"
 - Promotes controlled and uniform combustion of gasoline
 - Inhibits the occurrence of post-ignition caused by the deposits in the combustion chamber
 - Protects the valves and their seats from wear
- > Particularly suitable for sports engines and engines with high specific power.

“ SINCE 1939 BARDAHL HAS BEEN INVESTING IN RESEARCH AND DEVELOPMENT AND COMMITS ITSELF TO OFFER THE MARKET HIGHLY TECHNOLOGICAL PRODUCTS, WHICH ARE UNIQUE IN THEIR KIND. ”



MAINTENANCE

> DISCOVER OUR MAINTENANCE PRODUCTS

ENGINE MAINTENANCE, GREASES AND LUBRICANTS

CARBURETOR CLEANER

Spray



COD. 612

Formulated for the internal and external cleaning of the carburetor and of the intake system of carburetor engines and injection engines. Removes dirt from intake ducts and throttle bodies, thus restoring the working of the fuel system.

- Quickly and effectively removes grease, oil, sludge and carbon deposits
- Solves the problem of rough idle and slow acceleration
- Helps reduce fuel consumption and polluting emissions
- Does not damage plastic and rubber components

EGR VALVE CLEANER

EGR valve cleaner



COD. 624

Eliminates soot, carbon and oil deposits, gums and paints from intake valves and EGR valve.

- Cleans the suction system and the flow-meter
- Restores the air circulation towards the combustion chamber and eliminates voids at acceleration
- Ensures perfect combustion
- Reduces consumptions
- Compatible with particulate filters and catalytic mufflers

SPEEDY GASKET

Universal sealant



COD. 816

Extremely resistant universal sealant, designed to be used as a replacement for any type of pre-formed seal, in applications in the automotive and industrial fields.

- Resistant to oils and most chemicals
- Dries quickly without dripping
- Allows to seal couplings and casings even at extreme temperatures (- 50 ° C to + 260 ° C)

AIR FILTER SPECIAL OIL

Treatment for air filters in sponge



COD. 701

Special oil for the treatment of air filters in sponge. Concentrated professional product, essential for competitions. The polymers contained in this product allow to retain the insidious solid and liquid particles raised from the road surface and dispersed in the environment, preventing their inflow to the engine. The solvent pre-dilution gives it excellent penetration capacity, adhesiveness and ease of use.

- Maximum adhesion and superior filtering capacity
- Long-lasting treatment
- Concentrated formula (over 15 treatments)

ELECTRICAL CONTACT CLEANER

Electrical contact cleaner



COD. 610

Detergent for electrical contacts, cleans, deoxidizes, protects. Particularly effective for cleaning electrical and electronic equipment.

- Deoxidizes and removes the sulphation of electrical contacts
- Restores the dielectric constants and eliminates false contacts
- Repels water
- Dissolves and removes grease, oil, dust and dirt
- Dries very quickly, leaving surfaces dry and clean

DEGRAISSANT SPRAY

Spray degreaser



COD. 674

Multipurpose dry degreaser, chlorine free and quickly drying. To be used before gluing to ensure the sealing of mechanical parts. To be used before applying a joint for a perfect adhesion.

- Dielectric degreaser
- Suitable for cleaning all mechanical components and electrical equipment

M.P.G.

Multipurpose grease



COD. 502



Superior quality multi-purpose lithium grease, strengthened with powerful EP (Extreme Pressure) and anti-wear additives.

- Powerful lubricating action and EP property
 - Superior anti-wear, anti-rust and anti-corrosion power
 - Protects surfaces from humidity and external agents
 - Resists to the washing out action of water
- > Classification: NLGI 2

MAINTENANCE PRODUCTS FOR VEHICLES, SPRAY PRODUCTS AND FORK OILS

B.R.O. PENETRATING OIL

Strong penetration unlocking oil



COD. 671

Penetrating oil that reduces oxidation; anti-seizure and very powerful lubricant.

- Penetrates by capillarity in depth into the most seized mechanisms
- Forms a lubricating film that makes disassembly easier
- Protects against oxidation and rust
- Owns "dewatering" properties

K9

Multipurpose spray



COD. 602



Multipurpose spray lubricant with high lubricating power, reduces friction and wear, assures protection against external agents and humidity. Contains chemical agents with penetrating action and EP (Extreme Pressures) properties that allow the product to coat metal parts by means of a lubricating and protective film. It also allows you to easily unscrew the nuts blocked by oxidation or to make the locked pins work.

- Superior anti-wear, anti-rust and anti-corrosion power
- Protects metal components and surfaces over time

BRAKE & PARTS CLEANER

Brake and parts cleaner



COD. 606

Cleans and removes the deposits that accumulate on the elements of the braking system (disk, caliper, drum, etc.) and of the clutch. Removes grease, oil and sludge from surfaces without leaving residues.

- Acts and dries quickly without leaving a trace
- Reduces noise due to dirt accumulation on the braking elements
- Effective degreaser for cleaning chains, mechanical parts, electric motors, etc.

XTF FORK



Superior quality fluid, designed to enhance the performance of forks and shock absorbers of hyper-sport, sport-tourer, on / off-road motorcycles.

- High and uniform performance in all conditions of use
- Driving comfort and precision of suspension operation
- Maximum protection of mechanical parts from wear, corrosion and rust
- Strong anti-foaming properties and compatibility with elastomers.

> Performance level:

SAE 5W COD. 440
SAE 10W COD. 442
SAE 15W COD. 443
SAE 20W COD. 444

HIGH SPEED CHAIN

Adhesive spray for chains (road motorcycles)



COD. 600



Spray lubricant with high adhesive property and lubricating capacity, expressly formulated for all types of chains heavily stressed and operating at very high rotation speeds.

- Powerful lubricating action and EP (Extreme Pressures)
- High adhesive power on chain links
- Extends the life of chain, crown and pinion
- Superior anti-wear, anti-rust and anti-corrosion power
- Resists the washing away action of the water

FOAMY CHAIN LUBE

Foamy spray for chains (off-road motorcycles)



COD. 601



Spray lubricant with high penetration and lubricating capacity, expressly formulated for all types of highly stressed chains.

- Contains special substances that form a penetrating foam on the chain, able to make the lubricant reach deep between the links.
- Powerful lubricating action and EP (Extreme Pressures) properties
 - Foamy formula for very high penetration
 - Superior anti-wear, anti-rust and anti-corrosion power
 - Resistant to the water washing away action

XTF FORK SYNTHETIC OIL

Racing Extra Fluid Formula with very high viscosity index (→ 350)



COD. 445



Special fluid, of a superior quality, tested in competitions and developed to enhance the performance of forks and shock absorbers of racing motorcycles.

- Extra-Fluid racing formula
- Very high viscosity index (> 350)
- High and uniform performance in all conditions of use
- Driving comfort and precision of suspension operation
- Maximum protection of mechanical parts from wear, corrosion and rust
- Strong anti-foaming properties and compatibility with elastomers

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OTHER PRODUCTS

> DISCOVER ALL OTHER BARDAHL PRODUCTS

SPECIAL FLUIDS

BRAKE FLUID DOT 4 RACING



COD. 719

Racing Brake Fluid is a special DOT4 racing fluid for braking system and hydraulic clutches that require a high performance brake fluid. It is particularly suitable to withstand high temperatures generated from carbon, ceramic or steel discs. 100% synthetic.

Racing Brake Fluid, thanks to its high boiling point (328 °C) and to a high wet boiling point (205 °C), much higher than the conventional l brake fluids (DOT 4 and DOT 5.1), allows effective braking even in extreme use conditions and maintains an efficient braking level in damp conditions counteracting the "vapor-lock" phenomenon.

Racing Brake Fluid is not compatible with silicone or minerals based brake fluids.

> **Performance level:** SAE J1703, US FMVSS 116 DOT4.

BRAKE FLUID RACING DOT 5.1 - DOT 4



Synthetic fluid for braking systems and servo-controls of cars, motorbikes and commercial vehicles, for which fluids with FMVSS 116 - DOT 5.1, DOT 3 and DOT 4 performance are required by the manufacturer.

- **Its high boiling point allows maximum efficiency of the braking system even when subjected to intense and prolonged use**
- **The exceptionally low pour point ensures the correct operation of the braking system, even at lower temperatures**
- **Maximum protection of metal components from corrosion, rust and wear**
- **High compatibility with elastomers**

> **Performance level:** SAE J 1703, FMVSS 116 - DOT 5.1 SAE J 1703, FMVSS 116 - DOT 4.

ANTIFREEZE HOA TECH Hybrid Organic Acid Technology - Concentrate



COD. 742

Concentrated anti-freeze coolant liquid, based on pure non-regenerated ethylene glycol. For car, motorcycle and commercial vehicle cooling circuits that require HOAT (Hybrid Organic Acid Technology) type fluids. Free of nitrites, amines and phosphates.

> **Performance level:** ASTM D3306, ASTM D4985, BS 6580:2010, AFNOR NF R15-601, SAE J1034, CUNA NC 956-16, NATO S 759. VW/TL 774-C (SFU G11), MB 325.0, MAN 324 NF.

ANTIFREEZE OA TECH Organic Acid Technology - Concentrate



COD. 745

Concentrated anti-freeze coolant liquid, based on pure non-regenerated ethylene glycol. For cooling circuits of cars, motorcycles and commercial vehicles that require "long life" OAT (Organic Acid Technology) fluids. Particularly suitable for new generation engines, especially those with aluminum and light alloy parts. Free of nitrites, amines, phosphates, silicates and borates.

> **Performance level:** ASTM D3306, ASTM D4985, ASTM D6210, BS 6580:2010, AFNOR NF R15-601, SAE J1034, CUNA NC 956-16, NATO S 759. VW TL 774-D/F (SFU G12 / G12+), MB 325.3, MAN 324 SNF, MTU MTL 5048.

COOLANT HOA TECH Hybrid Organic Acid Technology



COD. 740

Anti-freezing, pre-diluted and ready-to-use refrigerant liquid, based on pure, un-regenerated ethylene glycol. For cooling circuits of high performance engines of motorcycles, scooters and quads that require HOAT (Hybrid Organic Acid Technology) type premium fluids. Protects the entire cooling system from overheating, corrosion and scaling. Suitable for both the latest generation engines with aluminum alloy parts and those of less recent generation. Free of nitrites, amines and phosphates.

> **Performance level:** ASTM D3306, ASTM D4985, BS 6580:2010, AFNOR NF R15-601, SAE J1034, CUNA NC 956-16, NATO S 759, VW/TL 774-C.

COOLANT OA TECH Organic Acid Technology



COD. 739

Anti-freezing, pre-diluted and ready-to-use refrigerant liquid, based on pure, non-regenerated ethylene glycol. For cooling circuits of high-performance engines of motorcycles, scooters and quads that require OAT ("Organic Acid Technology") "long life" premium fluids. Protects the entire cooling system from overheating, corrosion and scaling. Particularly suitable for the latest generation engines, especially those with aluminum alloy and magnesium alloy parts. Free of nitrites, amines, phosphates, silicates and borates.

> **Performance level:** ASTM D3306, ASTM D4985, ASTM D6210, BS 6580:2010, AFNOR NF R15-601, SAE J1034, CUNA NC 956-16, NATO S 759, VW/TL 774-D/F.

ANTIFREEZE SI-OA TECH Si-Organic Acid Technology - Concentrate



COD. 752

Concentrated anti-freeze coolant liquid, based on pure non-regenerated ethylene glycol. For car, motorcycle and commercial vehicle cooling circuits that require Si-OAT (Silicate Organic Acids Technology) "long life" fluids. Particularly suitable for new generation engines, especially those with aluminum and light alloy parts. Free of nitrites, amines and phosphates.

> **Performance level:** ASTM D 3306, ASTM D 4985, AFNOR R 15-601, BS 6580:2010, SAE J 1034, FVV Heft R 443, CUNA NC 956-16, JIS K 2234, KSM 2142, NATO S 759, UNE 26361-88, EMPA, E/L 1415c. VW TL 774-G (SFU G12++), MB 325.5, MAN Si-OAT.

ANTIFREEZE OA TECH PLUS Organic Acid Technology high alkaline reserve - Concentrate



COD. 751

Concentrated anti-freeze coolant liquid, based on pure non-regenerated ethylene glycol. For cooling circuits of cars, motorcycles and commercial vehicles that require "long life" OAT (Organic Acid Technology) fluids, provided with a higher alkaline reserve. Particularly suitable for new generation engines, especially those with aluminum and light alloy parts. Free of nitrites, amines, phosphates, silicates and borates.

> **Performance level:** ASTM D 3306, ASTM D 4985, AFNOR R 15-601, BS 6580:2010 SAE J 1034, FVV Heft R 443, CUNA NC 956-16, JIS K 2234, KSM 2142, NATO S 759, UNE 26361-88, EMPA, E/L 1415c. VW TL 774-D/F (SFU G12 e G12+), MB 325.3, MAN 324 SNF, MTU MTL 5048, PSA B 715110.

PRODUCTS FOR GARDENING EQUIPMENT AND OTHER PRODUCTS

VBA GARDEN PLUS



COD. 270



High performance lubricant, specific for 2-stroke engines of chainsaws and gardening equipment. For manual blending.

- Maximum anti-seize protection
 - Specific for engines operating at high speeds and prolonged work over time
 - Concentrated formula usable at low dosage
 - Maximum cleaning of the engine and spark plug
- > Performance level: API TC

GARDEN POWER TOOLS 4T



COD. 354



Lubricant for 4-stroke gasoline engines, installed on lawn mowers, brush cutters, power generators and gardening equipment in general.

- Maximum protection against wear
- Specific for engines that operate at high rotation speeds and at high temperatures for long time
- High resistance against thermal degradation due to oxidation
- Ensures longer life and cleanliness of all mechanical parts

> Performance level: API SJ / CH-4 / SAE 15W-40

LIQUIDO LAVA VETRI CONCENTRATO

Green apple scented fluid concentrated car glass washer



COD. 744

It is a "concentrated" and perfumed liquid to add to the window washer water in the specific tank.

- Harmless for windshield gaskets, cleans, degreases, disinfects and protects the windshield washer circuit avoiding encrustations
- Antifreeze protection - 20 ° C (depending on dosage)

HAND CLEANER

Neutral PH hand-washing paste



COD. 760

Hand washing paste, able to penetrate deeply into the pores. Based on lanolin, it protects and treats your skin, leaving hands perfumed, fresh and clean. Absolutely necessary in every mechanical workshop.

- Easily removes oil, grease, ink, paint, tar, bitumen, etc.
- Three grams are sufficient for deep cleaning
- Dermatologically tested, alkali free and neutral pH

GARDEN POWER TOOLS 2T



COD. 204



High performance lubricant specific for 2-stroke engines of chainsaws and gardening equipment. Manual preparation of the blend at 2% or according to the manufacturer's instructions.

- Maximum protection against wear and seizure
- Specific for engines that operate at high rotation speeds for long time
- Maximum cleanliness of engine and spark plugs
- Reduces exhaust fumes
- Allows quick and easy blending with gasoline

> Performance level: API TC / JASO FD / ISO-L-EGD
Husqvarna 254XPG Chainsaw

CHAIN OIL



COD. 261



Biodegradable oil, specific for the lubrication and protection of chains and chains of chainsaws.

- Maximum protection of the chain
- Excellent resistance and adhesive property of the lubricating film
- High anti-seize and antioxidant property
- Excellent fluidity at low temperatures
- High viscosity index and high racy power
- Does not contain regenerated oil or mineral oil
- Suitable for professional use

RIPARA E RIPARTI

Repairs tires from 135 mm to 195 mm



COD. 613

To repair tires of cars, motorcycles, trailers, caravans from punctures.

- Repairs and inflates the tire immediately, without tools and without disassembly
- Compatible with all types of tires, with or without inner tube
- Repairs tires from 135 to 195 mm



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