



P.O.S. MATERIALS
HEXOL
CATALOG
2018

Hexol Baseball Cap



CODE: MP10 / black

CODE: MP11 / red

Material: cotton

Price/Pts: 13

www.hexol.com

Hexol Collar Shirt



CODE: MP12 / red
CODE: MP13 / black

100% cotton

220 g/m²

Size: S/M/L/XL/XXL

Price/Pts: 35

www.hexol.com

Hexol T-Shirt



CODE: MP14 / white

CODE: MP15 / grey

CODE: MP16 / black

CODE: MP17 / red

100% cotton

185 gr/m²

Size: S/M/L/XL/XXL

Price/Pts: 17



Hexol Working Clothes



CODE: MP26

Colour: grey

Size: S/M/L/XL/XXL

Price/Pts: 150

Hexol Wind Jacket



CODE: MP18 / black

US Basic

Size: S/M/L/XL/XXL

Price/Pts: 145

Hexol Fleece Jacket



CODE: MP19 / red

CODE: MP20 / grey

Fruit of the Loom: 300 gr./mp

Size: S/M/L/XL/XXL

Price/Pts: 83

www.hexol.com

Hexol Winter Hat



CODE: MP21 / red

CODE: MP22 / black

Material: cotton

Price/Pts: 15

Hexol Business Backpack



CODE: MP25

Material: polyester

Colour: black – red

Price/Pts: 70

Hexol Wall Clock



CODE: MP08

Diameter: 23x4.2 cm

Material: Plastic

Price/Pts : 40

www.hexol.com

Hexol Air Freshner



COD PRODUS: MP06

Perfume: Forest + Green Apple

Price/Pts : 25 / SET of 10 pcs.

Minimum order: 1 SET of 10 pcs.

Hexol Ball Pen



CODE: MP03R / red

CODE: MP03B / black

Material: plastic/metal

Price/Pts: 20 / SET of 10 pcs.

Minimum order: 1 SET of 10 pcs.

www.hexol.com

Hexol Sticker



Type1



Type2



CODE: MP30

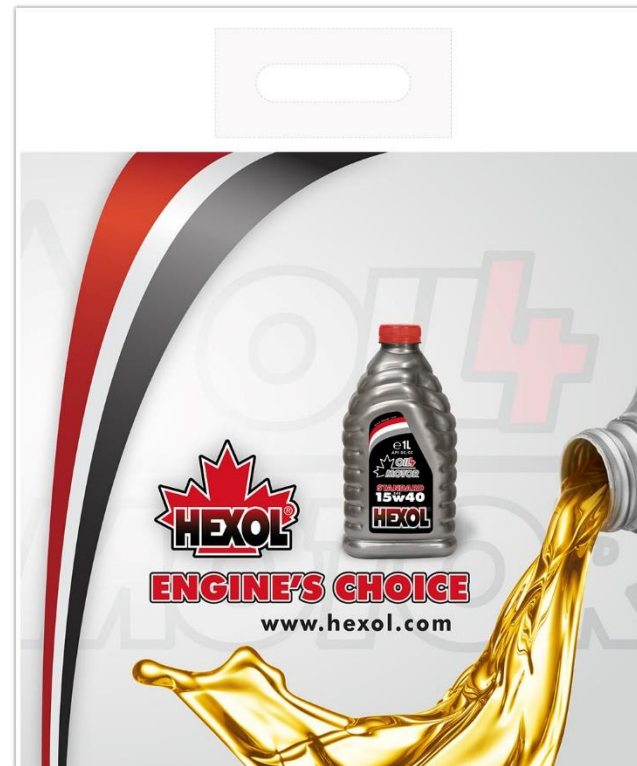
Price/Pts: 5 / SET of 10 pcs. (5 pcs. Type1 + 5 pcs. Type2)

Minimum order: 2 sets

50% of the point value of this product will be sponsored by Hexol

www.hexol.com

Hexol Plastic Bag



CODE: MP43

Price/Pts: 20 / SET of 10 pcs.

www.hexol.com

Hexol USB Key Chain



CODE: MP72

Price/Pts: 30

Hexol Change Tray



CODE: MP42

Material: polystyrene

Size: 175x175x15 mm

Price/Pts: 8

50% of the point value of this product will be sponsored by Hexol

www.hexol.com

Hexol Ice-scraper



CODE: MP04

Material: plastic

Price/Pts: 30 / SET of 10 pcs.

Minimum order: 1 SET of 10 pcs.

www.hexol.com

Hexol Mouse Pad



CODE: MP07

Size: 220x168 mm

Price/Pts : 13

www.hexol.com

Hexol Sticky Screen Cleaner



CODE: MP40

Size: 3x3cm

Price/Pts : 10 / SET of 20 pcs.

www.hexol.com

Hexol Microfiber Cleaning Cloth



CODE: MP41

18x15cm

Price/Pts: 4

www.hexol.com

Hexol Oil Change Sticker



HEXOL
PREMIUM MOTOR OIL
OIL CHANGE DETAILS

CHANGE DATE DAY MONTH YEAR

CHANGE KM

MOTOR OIL OIL TYPE NO

TRANSMISSION OIL TYPE NO

OIL FILTER YES NO HEXOL RECOMMENDS

AIR FILTER YES NO **SYNLINE**

FUEL FILTER YES NO www.hexol.com

NEXT HEXOL CHANGE

DATE DAY MONTH YEAR

or KM

CODE: MP73

Price/Pts: 3 / SET of 100 pcs.

Hexol Lighter



CODE: MP02

Material: plastic/metal

Price/Pts: 20 / SET of 10 pcs.

Minimum order: 10 pcs.

www.hexol.com

3 in 1 Hexol Piggy-Bank

*Candy box & Piggy-bank & Jar Pencil Holder



CODE: MP74

Price/Pts: 12

Hexol Mesh



CODE: MP31

Price/Pts: 110

Dimensions: 1.25x3.75m

50% of the point value of this product will be sponsored by Hexol

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Hexol Banner



CODE: MP32

Dimensions: 1x3m

Price/Pts: 80

50% of the point value of this product will be sponsored by Hexol

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Hexol Illuminated Sign



CODE: MP34

Dimensions: 65x65 cm

Price/Pts: 300

50% of the point value of this product will be sponsored by Hexol

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Hexol Chair



CODE: MP45

Price/Pts: 95

50% of the point value of this product will be sponsored by Hexol

www.hexol.com

Hexol Table



CODE: MP46

Price/Pts: 340

50% of the point value of this product will be sponsored by Hexol

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Hexol Oil Guide Motor & Industrial



MOTOR OIL USER GUIDE



API classification

What is API?

The American Petroleum Institute is the national association that represents all the aspects of the American oil and natural gases industry. API ensures the licensing of motor oils and certification systems (EOLCS). It is a voluntary licensing and certification program, which authorizes motor oil producers and mechanics that fulfill the needed requirements in order to be able to use the API quality certification.

What does API evaluation mean?

The API classification system provides information regarding the motor oil itself. The letter "S" (spark) followed by another letter (for example "SM") indicates the fact that this oil is indicated for engines with a spark ignition. The letter "C" followed by another letter and/or number (for example "C-4") indicates the fact that this oil is suitable for diesel engines (compression ignition). The second letter from the "C" and "S" categories are embedded in alphabetical order. The further down the alphabet the higher the quality of the oil is.

The classification of oils in accordance with API (follow automaker recommendations)

Series - gasoline engine motor oils

SN - Introduced in October 2010 for API 1 and older vehicles, designed to provide improved high temperature deposit protection for pistons, more stringent sludge control, and seal compatibility. API SN with Resource Conserving matches ILSAC GF-5 by combining API SM performance with improved fuel economy, turbocharger protection, emission control system compatibility, and protection of engines operating on ethanol-containing fuel up to E85.

SM - Category SM oils are designed, for vehicles produced in 2010 and older, to provide improved oxidation resistance, improved deposit protection, better wear protection, and better low-temperature performance over the life of the oil. Some SM oils may also meet the latest specification and qualify as Energy Conserving. They may be used where API Service Category SJ and SL earlier categories are recommended.

SL - Category SL was adopted to describe engine oils for use in 2001. It can be used anywhere an oil which meets API SJ or older is recommended.

SJ - Category SJ was adopted in 1996 to describe engine oil first mandated in 1997. It can be used in any application where an API SH oil or older is recommended.

SH - Obsolete - For model year 1986 and older engines. Can be used when an API SC or previous specification is required.

Starting with July 1, 1997 API SH can only be used together with API CF, CF-2, CF-4 or CG-4

SG - Obsolete - For model year 1993 and older engines.

SF - Obsolete - For model year 1988 and older engines.

SE - Obsolete - For model year 1979 and older engines.

SD - Obsolete - For model year 1971 and older engines.

SC - Obsolete - For model year 1967 and older engines.

Series - Diesel engine motor oils

CJ-4 - Designed for high-speed, four-stroke diesel engines to meet 2007 on-highway exhaust emission standards as well as Tier 4 non-road, along with previous diesel engines.

CJ-4 Plus - Contains motor oils used in four-stroke diesel engines designed after 2004. This oil has good energy conserving properties.

CJ-4 - Contains motor oils used in four-stroke diesel engines designed after 2002 that work in severe conditions. It can be applied also in cases where the oil recommended has to meet API CH-4, CG-4 and CF-4 requirements.

CK-4 - Contains motor oils used in four-stroke diesel engines designed after 1998 that work in severe conditions. It can be applied also in cases where the oil recommended has to meet API CF-4 and API CG-4 requirements.

CG-4 - Contains motor oils used in four-stroke diesel engines designed after 1994 that work in severe conditions. It can be applied also in cases where the oil recommended has to meet API CD, CE and CF-4 requirements.

CF-4 - Obsolete - Contains motor oils used in two-stroke diesel engines designed after 1994. It can be applied in cases where the recommended oil is an API CD-2.

CF - Contains motor oils used in diesel engines with direct injection designed after 1994. Can also be used in applications where an API CD or previous oil is recommended.

CF-4 - Contains motor oils used in diesel engines designed after 1990. It ensures the maintenance of high-speed, four-stroke engines. These oils can also replace API CE and are adequate for heavy trucks. They can also be combined with applications from the S category (gasoline oils).

CE - Obsolete - Contains oils used in diesel engines designed after 1983. Can also be used in applications where an API CD or previous oil is recommended.

CD II - Obsolete - Contains motor oils used for two-stroke diesel engines that work in severe conditions and require protection against deposits and wear and tear.

CD - Obsolete - Contains oils used in naturally aspirated or turbo diesel engines, which use a lot of fuel including fuels high in sulfur. This type of oil has been introduced in 1955.

CC - Obsolete - Contains oils used in diesel engines. This series of oils should never be used in diesel engines produced after 1986.

Series - oils for two-stroke engines

TA - This specification is used for extremely small two-stroke engines used in mopeds.

TB - This specification is used for scooters and motorcycles with two-stroke engines.

TC - This specification is used for high performance engines with high fuel oil ratio. Oils with this specification use metal-based additives that produce ash.

TD - This specification is used for water-cooled two-stroke engines with separate oil container or mixed oil with fuel.

GL Series - gear oils

GL-1 - denotes lubricants intended for manual transmissions operating under such mild conditions that straight petroleum or refined petroleum oil may be used satisfactorily. Oxidation and rust inhibitors, defoamers and pour depressants may be added to improve the characteristics. Friction modifiers and extreme pressure additives shall not be used.

GL-2 - denotes lubricants intended for automotive worm-gear axles operating under such conditions of load and temperature that lubricants satisfactory for API GL-1 service will not suffice.

GL-3 - denotes lubricants intended for manual transmissions operating under moderate to severe conditions and spiral-bevel axle gears operating under mild to moderate conditions.

GL-4 - denotes lubricants intended for axles with spiral bevel gears operating under moderate to severe conditions of speed and load or axles with hypoid gears operating under moderate speed conditions. These oils may be used in selected manual transmission and transfer applications where MT-1 lubricants are unavailable. The manufacturer's specific lubricant quality recommendations should be followed.

GL-5 - denotes lubricants intended for gears, particularly hypoid gears, in axles operating under various combinations of high-speed shock load and low-speed high-torque conditions.

GL-6 - denotes lubricants intended for gears designed with a very high pinion offset. Such designs typically require protection from gear scoring in excess of that provided by API GL-5 gear oils.



INDUSTRIAL OILS USER GUIDE



ISO Classification

What is ISO?

International Organization for Standardization (ISO) is a private WGO that has been founded in 1987 with its headquarters in Geneva. ISO members are national bodies of standardization from over 110 countries amongst which also Romania. Romania's representation in ISO is done by ASIR - the Romanian Association of Standardization, a public non-profit organization.

The ISO 3348 viscosity classification

ISO classification is recommended specifically for industrial applications. The reference temperature is of 40°C and it represents the operating temperature in machinery. Each subsequent Viscosity grade (VG) within the classification has approximately a 50% higher viscosity, whereas the minimum or maximum values of each grade ranges ±10% from the mid point. For example, ISO VG 22 refers to a viscosity grade of 22 cSt ± 10% at 40°C. The viscosity at different temperatures can be calculated using the viscosity at 40°C and the viscosity index (VI), which represents the temperature dependency of the lubricant.

DIN Classification

Deutsches Institut für Normung e.V. (DIN) is the German organization responsible for quality classifications. It was founded in 1972 and is part of the TÜV Rheinland group as of 2005.

ISO 3348 Viscosity grades	Kinematic viscosity @ 40°C [mm²/cSt]		
	Middle value	Minimum	Maximum
ISO VG 2	2.2	1.98	2.42
ISO VG 3	3.2	2.88	3.52
ISO VG 5	4.6	4.14	6.06
ISO VG 7	6.8	6.12	7.48
ISO VG 10	10	9.0	11.0
ISO VG 15	15	13.5	16.5
ISO VG 22	22	19.8	24.2
ISO VG 32	32	28.8	35.2
ISO VG 46	46	41.4	50.6
ISO VG 68	68	31.2	74.8
ISO VG 100	100	90	110
ISO VG 150	150	135	165
ISO VG 220	220	198	242
ISO VG 320	320	288	352
ISO VG 460	460	414	506
ISO VG 680	680	612	748
ISO VG 1000	1000	900	1100
ISO VG 1500	1500	1350	1650

HYDRAULIC OILS

ISO 6743-4 CLASSIFICATION OF HYDRAULIC BASE OILS

ISO-HH Mineral oils without inhibitors

ISO-LH Mineral oils with corrosion inhibitors

ISO-L-HL Superior quality oils used in oil circulation systems and in hydraulic circuits. They are obtained from paraffinic base oils with antioxidant and antirust additives

ISO-LHM Oils used in all types of hydraulic systems formulated from paraffinic base oils formulated with anti-wear, antirust, and antioxidant additives

ISO-L-HR HL type oils with a high viscosity index

ISO-L-HV Specially formulated oils to be used in hydraulic systems that require fluids with a high viscosity index and a low pouring point

ISO-L-HG HL type oils with shock absorption properties

ISO-L-HS Synthetic oils

DIN 51524 CLASSIFICATIONS

DIN 51524 Part 1 multipurpose oil that contains antioxidant and anticorrosion additives

DIN 51524 Part 2 HL standard hydraulic oil that contains HL oil and anticorrosion additives (ISO-HL)

DIN 51524 Part 2 HLP standard hydraulic oil that contains HL oil and EP additives (ISO-HM)

DIN 51524 Part 3 HVL(PWH) high index viscosity hydraulic oil that is compatible with hydraulic systems that work in a variety of climates and temperatures (ISO HV)

DIN 51524 HLPD high performance hydraulic oil, based on mineral base oil with EP cleaning additives, which emulsify with water and are recommended to be used in interior hydraulic systems and the lubrication of bearings (ISO-L-HM)

CODE: MP75

Price/Pts: 20 / SET of 10 pcs.

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Hexol Flag



CODE: MP33

Dimensions: 0.8x3.2m

Price/Pts: 150

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Hexol Promotional Rack



CODE: MP35

Price/Pts : 375

50% of the point value of this product will be sponsored by Hexol

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