



i-Sint

Best range of synthetic lubricants

For Petrol engines

enjoy technology



SKYSHORE
authorised distributors

...enjoy liquid technology, performance redefined

www.skyshoregroup.com/sdm info@skyshoregroup.com

10 Reasons why Eni is the best choice

Sustainability

1 Respectful use of resources, be it people be it the environment. For example eni is also using re-refined base oils to produce certain lubricants where applicable.

Trust

2 More than 60 years of experience in the lubricant business around the world.

Internationality

3 eni lubricants are successfully sold in more than 100 countries.

High Quality

4 Our products are based on a careful selection of the best raw material and additives in order to grant the best performing products.

Integrated Production Cycle

5 eni produces finished products as well as its own base oils and additives.

World - class work - force

6 Working with eni means working with its highly motivated people committed to providing solutions to all customers every day.

Research & Development

7 More than 200 employees in research and development including the collaboration with the main research institutes in this

Customer Care

8 Our personal mission is listen, understand and fulfil our customers' needs, hence involve them in our decision making process.

Service

9 eni is committed to excellent and efficient service and high customer orientation with the aim to create value

Made in Italy

10 Italy's well renown tradition and culture of design to improve the quality of life is a fundamental part of our thinking and products, so we are proud to export 'italianity' to all parts of the world.

Eni i-Sint 5W-40

APPLICATIONS

Eni i-Sint 5W-40 is a high performance synthetic technology lubricant designed to meet the requirements of advanced-technology cars and light commercial vehicles equipped with petrol or diesel engines.

SPECIFICATIONS & APPROVALS

- ACEA A3/B4
- API SN
- VW 502 00, 505 00
- BMW LL-01
- MB-Approval 229.3
- Renault RN 0700, 0710
- Porsche A40



Eni i-Sint 5W-40

Technical Advantages

- Eni i-Sint 5W-40 maintains an ideal viscosity in a wide range of engine operating conditions, reduces friction losses, resulting in fuel saving and reduced CO₂ emissions.
- The product is characterized by a low volatility that contributes to limiting engine oil consumption.
- The components included in the formulation have the ability to adhere to metal surfaces, even for extended engine stop periods, facilitating starting and limiting the wear phenomena.
- Eni i-Sint 5W-40 is distinguished by an ideal combination of viscosity, lubrication and detergency to minimize the formation of deposits and to ensure effective protection of mechanical components.
- The thermo-oxidative properties give the product resistance to deterioration in operation, in conditions of prolonged exposure to high temperatures in the presence of air and other agents.
- The anti-rust properties prevent corrosion of the hydraulic system of automatic transmissions.

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Density at 15°C | ASTM D 4052 | kg/m ³ | 856 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 14.2 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 87 |
| Viscosity Index | ASTM D 2270 | - | 169 |
| Viscosity at -30°C | ASTM D 5293 | mPa·s | 6400 |
| Flash Point (COC) | ASTM D 92 | °C | 210 |
| Pour Point | ASTM D 97 | °C | -36 |
| BN | ASTM D 2896 | mg KOH/g | 10.4 |



authorised distributor
of eni lubricants

● Eni i-Sint professional 20W-50



APPLICATIONS

Eni i-Sint professional 20W-50 is a synthetic technology lubricant designed to meet the lubrication requirements of petrol or diesel fueled cars or commercial vehicles that operate according to the maintenance procedures prescribed by the manufacturers.



SPECIFICATIONS & APPROVALS

- API SN RC
- ILSAC GF-5

● Eni i-Sint professional 20W-50

Technical Advantages

- The detergent and dispersing properties resulting from the proper choice of the raw materials that are included in the product make it possible to counteract the formation of sludge, lacquers and other types of deposits, thus preserving an optimal condition of the mechanical components.
- The special formulation of Eni i-Sint professional 20W-50 allows maximum protection of the mechanical parts of the engine against wear.
- The presence in the formulation of low volatility components and simultaneously high thermal stability reduces oil consumption caused by evaporative effects.

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Density at 15°C | ASTM D 4052 | kg/m ³ | 893 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 19.3 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 179 |
| Viscosity Index | ASTM D 2270 | - | 122 |
| Viscosity at -15°C | ASTM D 5293 | mPa·s | 9000 |
| Flash Point (COC) | ASTM D 92 | °C | 226 |
| Pour Point | ASTM D 97 | °C | -24 |



Lubricants



SKYSHORE

authorised distributor
of eni lubricants



Eni i-Sint MS 5W-30

APPLICATIONS

Eni i-Sint MS 5W-30 is an innovative synthetic technology lubricant with "Mid SAPS" (MS) characteristics, specifically formulated for gasoline or diesel engines of the latest models of passenger cars and light vans. The particular formulation of the product meets the strict requirements of ACEA C2 specification, allowing to obtain considerable fuel savings.

Synthetic Technology



SPECIFICATIONS & APPROVALS

- GM DEXOS 2 quality
- VW 502 00 + 505 01
- BMW-LL-04
- MB Approval 229.51, 229.52
- ACEA C3
- API SN

Eni i-Sint MS 5W-30

Technical Advantages

- Its 'mid SAPS' (MS) characteristics ensure efficiency and durability of after-treatment devices
- Eni i-Sint MS 5W-30 strongly resists to high temperatures oxidation in presence of air and other agents, thus allowing longer drain intervals
- Eni i-Sint MS 5W-30 shows exceptional resistance to shear stress, therefore provides the highest level of protection against viscosity loss in service
- Eni i-Sint MS 5W-30 is free-flowing at cold temperatures which allows easier engine startup. It has high fuel economy characteristics, which give reduced fuel consumption and therefore reduced CO₂ emissions.

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Appearance | APM 27 | | limpido |
| Density at 15°C | ASTM D 4052 | kg/m ³ | 855 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 12.0 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 70 |
| Viscosity Index | ASTM D 2270 | - | 155 |
| Viscosity at -30°C | ASTM D 5293 | mPa·s | 6400 |
| Flash Point (COC) | ASTM D 92 | °C | 220 |
| Pour Point | ASTM D 97 | °C | -33 |
| BN | ASTM D 2896 | mg KOH/g | |



authorised distributor
of eni lubricants

● Eni i-Sint 10W-40



APPLICATIONS

Eni i-Sint 10W-40 is a high-quality engine lubricant with a synthetic technology formula developed to meet the needs of gasoline and diesel engines in the latest-generation cars and commercial vehicles, even in the toughest operating conditions.

SPECIFICATIONS & APPROVALS

- ACEA A3/B4
- API SN
- MB-Approval 229.3



● Eni i-Sint 10W-40

Technical Advantages

- The synthetic components help in forming an oil film, which adheres tenaciously to metal surfaces even when the engine has been standing for long time, thereby facilitating cold starting and reducing wear
- The formula is optimised to ensure maximum lubrication even after long periods of operation in all climatic conditions
- The product has a low volatility that helps reduce oil consumption and allows longer intervals between oil changes
- The detergent-dispersant components of the formula inhibit the formation of the sludge which tends to develop on engine parts operating at low temperatures and also reduce the formation of lacquer and varnish deposits, thus helping to maintain mechanical components in peak condition

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Density at 15°C | ASTM D 4052 | kg/m ³ | 860 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 14.1 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 94 |
| Viscosity Index | ASTM D 2270 | - | 155 |
| Viscosity at -25°C | ASTM D 5293 | mPa·s | 5480 |
| Flash Point (COC) | ASTM D 92 | °C | 228 |
| Pour Point | ASTM D 97 | °C | -33 |



authorised distributor
of eni lubricants

Applications

Eni Rotra ATF II D is a special lubricant used primarily in automatic gearboxes and in many other applications where oils suitable for low temperature conditions, with high viscosity index and high stability at mechanical stresses are required. It is suitable for first filling and for topping up in automatic and hydraulic transmissions of those manufacturers that prescribe fluids that comply with the GM DEXRON IID specification.

Specifications & Approvals

- MAN 339 V-1 level
- MAN 339 Z-1 level
- Ford MERCON Level
- GM DEXRON IID level
- Allison C-4
- Caterpillar TO-2
- MB 236.6
- Voith H55.6335.xx
- ZF TE-ML 04D, 05L, 09, 11A, 14A, 17C

Technical Advantages

- Soft, silent joints associated with excellent transmission efficiency are obtained by means of an appropriate balancing of friction modifiers.
- The use of an additive that improves the viscosity index ensures excellent viscosity properties even after long periods of use.
- The excellent oxidation stability of the product prevents the oil from deteriorating in the parts operating at high temperatures and counteracts the formation of sludge; the good detergent-dispersing properties help to keep the impurities in suspension preventing the formation of deposits.
- The high quality of EP (extreme pressures) additives helps to reduce wear avoiding damage to the gear surfaces.
- The anti-rust properties prevent corrosion phenomena in the automatic transmissions hydraulic system, while anti-foam qualities strongly reduce the tendency to foaming, avoiding oil circulation problems in the various parts of the automatic gearboxes.
- It is absolutely devoid of corrosive components for both steel and copper and in general against ferrous and non ferrous alloys.
- It is perfectly compatible with all types of gaskets used in automatic transmissions.

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Colour | - | - | red |
| Density at 15°C | ASTM D 4052 | kg/m ³ | 861 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 6.2 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 28 |
| Viscosity Index | ASTM D 2270 | - | 175 |
| Viscosity at -40°C | ASTM D 2983 | mPa·s | 12000 |
| Flash point (COC) | ASTM D 92 | °C | 200 |
| Pour point | ASTM D 97 | °C | -42 |

●Eni Rotra 85W-140



Eni Rotra 85W-140 is a mineral-based, high VI gearbox lubricant, with a specific antiwear additivation. It is designed for the lubrication of some types of integrated transmissions (transaxle) without hypoid gears (for instance, front-wheel drive vehicles with transverse engines). More generally, it can be used in all gear trains where power transfer does not entail excessive pressures or tooth load, for which the manufacturer prescribes a lubricant with an API GL-3 performance level for antiwear properties.

SPECIFICATIONS & APPROVALS

- API GL-3



● Eni Rotra 85W-140

Technical Advantages

- The specific antiwear properties of Eni Rotra 80W-90 keep bearings and gear teeth in optimum condition throughout their life. Its chemical stability and resistance to oxidation ensure a stable performance and allow longer lubricant-drain intervals.
- Its detergent-dispersant properties help keep impurities in suspension, preventing deposit formation.
- Eni Rotra 80W-90 is not corrosive to steel and copper parts, keeping all lubricated items of the gearbox in optimum conditions. Its antirust properties avoid the possibility of corrosion of gears and bearings, even when in presence of moisture.
- Its antifoam qualities prevent excessive formation of air bubbles that could adversely affect the continuity of the lubricant film.
- The high Viscosity Index ensures a reliable operation of the gearbox components in a wide interval of operating temperatures.

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Density at 15°C | ASTM D 4052 | kg/m ³ | 895 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 14.5 |
| Viscosity Index | ASTM D 2270 | - | 100 |
| Viscosity at -26°C | ASTM D 2983 | mPa·s | 130000 |
| Flash point (COC) | ASTM D 92 | °C | 250 |
| Pour point | ASTM D 97 | °C | -30 |



● Eni i-Sint 0W-40

APPLICATIONS

Eni i-Sint 0W-40 is a top synthetic lubricant designed for lubrication of petrol or diesel fueled cars and light commercial vehicles whose maintenance intervals are in accordance with the maintenance procedures prescribed by the Manufacturers.

SPECIFICATIONS & APPROVALS

- ACEA A3/B4
- API SN
- MB-Approval 229.5
- VW 502 00 + 505 00
- BMW LL-01
- Renault RN 0700, 0710
- Porsche A40

ENJOY SMOOTH RIDE



Eni i-Sint 0W-40



Technical Advantages

- Eni i-Sint 0W-40 ensures, ensures excellent cold starts and best lubrication of the enginemechanical parts even at particularly low temperatures.
- The particular characteristics of the raw materials included in the formulation help to maintain the engine performance unchanged due to the lubricant protection against wear and formation of deposits.
- The high viscosimetric qualities of Eni i-Sint 0W-40 ensure the best lubrication conditions of the mechanical components of the engine in any operating condition as well as ensuring a reduction of friction phenomena, resulting in fuel saving and positive effects on carbon dioxide (CO₂) pollutant emissions a the exhaust.
- The presence in the formulation of low volatility components and simultaneously high thermal stability dramatically reduces oil consumption.
- Eni i-Sint 0W-40 resists deterioration, especially if resulting from oxidation due



Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------|--------------------|---------|
| Density at 15°C | ASTM D 4052 | kg/m ³ | 846 |
| Viscosity at 100°C | ASTM D 445 | mm ² /s | 13.1 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 74 |
| Viscosity Index | ASTM D 2270 | - | 181 |
| Viscosity at -35°C | ASTM D 5293 | mPa·s | 6000 |
| Flash Point (COC) | ASTM D 92 | °C | 228 |
| Pour Point | ASTM D 97 | °C | -54 |



authorised distributor
of eni lubricants

Eni Brake Fluid DOT 4

APPLICATION

Eni Brake Fluid DOT 4 is a high performance hydraulic brake fluid for use in automotive disc or drum brakes, ABS and clutch systems. The product provides good performance levels for use in passenger cars, motorcycles and commercial vehicles, both for current and previous model generation.

Technical Advantages

- Eni Brake Fluid DOT 4 has a high boiling point that guarantee consistent and safe brake performance under severe stress condition of the braking system.
- It is compatible with rubber components, it preserves the tightness of the gaskets and it reduces leakage and loss of fluid to a minimum.
- It provides an excellent corrosion protection and it guarantees the extended life and reliability of brake system components.
- Due to the high oxidation resistance, Eni Brake Fluid DOT 4 keeps the chemical/physical characteristics of the fluid unchanged for a long time.
- The product additivition technology has been designed to contain the adverse effects of thermo-oxidative phenomena.

SPECIFICATIONS & APPROVALS

- SAE J 1704
- FMVSS 116, DOT 4
- ISO 4925/05 (CLASS 04)

Technical Properties

| Properties | Method | Unit | Typical |
|--------------------|-------------------|--------------------|---------|
| Density at 20°C | ASTM D 1298 | kg/m ³ | 1040 |
| Viscosity at -40°C | ISO 4925/05-5.1 | mm ² /s | 1000 |
| Dry boiling point | ISO 4925/05-5.2 | °C | 260 |
| Wet boiling point | ISO 4925/05-5.2.6 | °C | 163 |
| Flash point | ISO 4925/05-5.2 | °C | 125 |

Eni Products

- ☑ Automotive Lubricants
- ☑ Industrial Lubricants
- ☑ Marine Lubricants
- ☑ Transmission Oils
- ☑ Food line lubricants
- ☑ Greases
- ☑ Bitumen

For Supply, Distribution & Marketing
1B Ibro - Avenue, Trans-Amadi
Industrial Lay-out
P.O.Box: 6518, Port-Harcourt,
Rivers State Nigeria



authorised distributor
of eni lubricants



Best Lubricants for West African Climate

+234-811-322-0000 www.skyshoregroup.com/sdm
+234-704-444-4325 sdm@skyshoregroup.com
+234-929-20777 info@skyshoregroup.com