

OPALJET 12 S

OIL FOR PETROL AND DIESEL ENGINES
WITH OR WITHOUT TURBO

120029/11.23

Rev. 4

DESCRIPTION & APPLICATIONS

OPALJET 12 S is a highly refined multigrade engine oil with SAE 15W40 grade.

OPALJET 12S is particularly recommended for the lubrication of gasoline or diesel engines, with or without turbocharger.

ADVANTAGES

- Multifunctional
- Has a high detergent and dispersant power
- Protects the bearings, cams and lifters against wear and corrosion.

PERFORMANCES

Satisfies to the following specifications:

ACEA E2-96 Issue 5 (2007)

ACEA A2-96 Issue 3 (2002)

ACEA A3

ACEA B3-98 Issue 2 (2004)

API CF/SJ

MAN 271

MB 229.1

PSA B 71 2295

VW 501.01/505.00

Volvo VDS

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

OPALJET 12 S

PROPERTIES

| CHARACTERISTICS | UNITS | METHODS | TYPICAL DATA |
|------------------------------|--------------------------|-------------|--------------|
| SAE grade | - | - | 15W40 |
| Density at 15°C | kg/m ³ | NFT 60101 | 893 |
| Kinematic viscosity at 40°C | mm ² /s (cSt) | NFT 60100 | 104 |
| Kinematic viscosity at 100°C | mm ² /s (cSt) | NFT 60100 | 14,1 |
| Viscosity index | - | NFT 60136 | 137 |
| Dynamic viscosity at -20°C | mPa.s | ASTM D2602 | 6900 |
| Flash point (PMCC) | °C | ASTM D 93 | 230 |
| Pour point | °C | NFT 60105 | -30 |
| Sulphated ash content | % weight | NF T 60143 | 1,1 |
| TBN (Total Base Number) | mg KOH/g | ASTM D 2896 | 9 |

The average values are given for information only.