

Heavy-Duty Diesel Oils

Product Description

MEDITRAN SYN ULTIMATE SAE 10W-40 is a premium synthetic heavy-duty diesel oil designed to meet 2017 model year onhighway, Tier 4 non-road, Euro VI, and other equivalent exhaust gas emission standards as well as for previous model year diesel engine.

MEDITRAN SYN ULTIMATE SAE 10W-40 has high total base number to help control piston cleanliness, increase soot handling and better overall lubricants stability.

MEDITRAN SYN ULTIMATE SAE 10W-40 is designed for highly rated diesel engine operating in very severe condition such as significant extended oil drain intervals according to OEM recommendation.

Applications

MEDITRAN SYN ULTIMATE SAE 10W-40 is formulated for use in all heavy-duty diesel applications (bus, truck, mining equipment, power generator) using diesel fuels ranging in sulphur content up to 500 ppm (0.05 % weight).

MEDITRAN SYN ULTIMATE SAE 10W-40 is suitable for EGR equipped engine, with or without Diesel Particulate Filters (DPFs), and for engines fitted with Selective Catalytic Reduction (SCR). Please consult the engine manufacturer for service interval recommendations if you are using fuel containing sulphur higher than 15 ppm.

Typical Characteristics

Characteristics	Test Method	MEDITRAN SYN ULTIMATE
SAE Viscosity Grade	-	10W-40
Density at 15 °C, kg/L	ASTM D4052	0.8577
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	93.98
at 100 °C, cSt	ASTM D7279	14.51
Viscosity Index	ASTM D2270	160
Flash Point, °C	ASTM D92	260
Pour Point, °C	ASTM D5950	-30
Total Base Number, mg KOH/g	ASTM D2896	12

Specification / Approvals

- API CK-4/CJ-4/CI-4
- ACEA E8/E11
- DTFR 15C110
- MAN M3477/M3271-1
- Volvo VDS-4.5
- Renault RLD-3
- Mack EOS 4.5
- Cummins CES 20081/86
- Caterpillar ECF-3
- MTU Category 3.1
- DAF Extended Drain

Superiorities

- Delivers maximal acceleration and power output.
- Excellent shear stability and high performance additives provide engine cleanliness and maximal protection from excessive wear, even in the most demanding racing application.
- Low evaporation level that gives low oil consumption and optimum lubrication.

Health and Safety

Please contact our Industrial Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection
 Phone: 62-21 3190 7190/5
 Email: hsse.ptol@pertamina.com
www.pertaminalubricants.com

Disclaimer:

Information presented in this Product Data Sheet is as accurate as possible prior to printing. Such information is based upon standard industry tests under controlled laboratory conditions and presented as a guide only. To assess product suitability for its intended application, it is recommended that users refer to the latest version of the Product Data Sheet because the information contained herein is subject to change, without notice, due to the upgrades in product formulation, manufacturers' equipment specifications, user applications and storage.