

MEDITRAN SYN ULTIMATE

SAE 10W-40

High Performance Heavy Duty
Diesel Engine Oil



Product Description

MEDITRAN SYN ULTIMATE 10W-40 is a premium synthetic heavy-duty diesel oil designed to meet 2017 model year on-highway, Tier 4 non-road, Euro VI, and other equivalent exhaust gas emission standards. **MEDITRAN SYN ULTIMATE 10W-40** has high total base number to help control piston cleanliness, increase soot handling and better overall lubricants stability. **MEDITRAN SYN ULTIMATE 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. **MEDITRAN SYN ULTIMATE 10W-40** is backward compatible to previous diesel API specification.

Performance Features

- ❖ Provide optimum protection for control of catalyst poisoning and particulate filter blocking to increase after treatment system durability.
- ❖ Formulated to improve protection from wear, deposit and soot build up.
- ❖ Great oxidation stability prevents sludge build up, and gives longer drain interval.
- ❖ Stable multigrade viscosity that gives optimum acceleration & engine protection during start up and high temperature operation.

Applications

MEDITRAN SYN ULTIMATE 10W-40 is formulated for use in all heavy-duty diesel applications (bus, truck, mining equipment, power generator) using diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). **MEDITRAN SYN ULTIMATE 10W-40** is suitable for EGR engines, with or without Diesel Particulate Filters (DPFs), and for engines fitted with Selected Catalytic Reduction (SCR). For drain interval, please consult your OEM if you are using fuel containing sulfur higher than 15 ppm.

Typical Characteristics

Characteristics	Test Method	MEDITRAN SYN ULTIMATE
SAE Viscosity Grade	-	15W-40
Appearance	-	Clear
Density at 15 °C, Kg/L	ASTM D - 4052	0.8577
Kinematic Viscosity at 40 °C, cSt	ASTM D - 7279	93.98
at 100 °C, cSt	ASTM D - 7279	14.51
Viscosity Index	ASTM D - 2270	160
Flash Point, °C	ASTM D - 92	260
Pour Point, °C	ASTM D - 97	-30
Total Base Number, mg KOH/g	ASTM D - 2896	12

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Performance Levels

MEDITRAN SYN ULTIMATE 10W-40 meets below performance levels :

- ❖ API CK-4
- ❖ ACEA E6-16/E9-16/E7-16
- ❖ Cummins 20081/86
- ❖ Mack EOS 4.5
- ❖ Volvo VDS-4.5
- ❖ Renault RLD-4
- ❖ MAN M3477/M3271-1
- ❖ MB 228.31/228.51
- ❖ DAF Euro VI
- ❖ Caterpillar ECF-3
- ❖ MTU Category 3.1

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

Fax: 62-21 3148884/601

Email: hsse.ptpl@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.