

## Heavy-Duty Diesel Oils

### Product Description

A premium heavy-duty diesel oil designed to meet 2017 model year on-highway, Tier 4 nonroad, Euro VI, and other equivalent exhaust gas emission standards as well as for previous model year diesel engine. MEDITRAN LE ULTIMATE SAE 15W-40 is an advanced diesel engine oil for latest Ultra Low Sulphur Diesel (ULSD) fueled engines that have high power density running in a severe condition.

### Applications

MEDITRAN LE ULTIMATE SAE 15W-40 is formulated for use in all heavy-duty diesel applications (bus, truck, mining equipment, power generator) with diesel fuels ranging in sulphur content up to 500 ppm (0.05 % weight) using aftertreatment systems such as Diesel Particulate Filters (DPFs) and 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 LE ULTIMATE
SAE Viscosity Grade	-	15W-40
Density at 15 °C, kg/L	ASTM D4052	0.8731
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	110.2
at 100 °C, cSt	ASTM D7279	14.50
Viscosity Index	ASTM D2270	135
Flash Point, °C	ASTM D92	238
Pour Point, °C	ASTM D97	-36
Total Base Number, mg KOH/g	ASTM D2896	10

### Specification / Approvals

- API CK-4/CJ-4/CI-4
- ACEA E11
- MAN M 3575
- Volvo VDS-4.5
- Renault VI RLD 3
- Mack EOS-4.5
- Cummins CES 20086
- Caterpillar ECF-3
- MTU Category 2.1
- Detroit Diesel 93K222
- Deutz DQC III-10 LA

### Superiorities

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

### Health and Safety

Please contact our Industrial Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection  
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### 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.