

Heavy-Duty Diesel Oils

Product Description

A high performance heavy-duty diesel engine oil especially formulated for modern heavy-duty diesel engine using Exhaust Gas Recirculation (EGR) technology.

Applications

in modern heavy-duty diesel engines includes those with EGR technology, using high speed diesel fuel with maximum sulphur content up to 0.5 % weight. MEDITRAN SX PLUS SAE 15W-40 is suitable for many types of heavy-duty diesel engine used in vehicle (multipurpose vehicle, bus, truck, trailer, etc), genset, heavy equipment, construction and marine.

Typical Characteristics

Characteristics	Test Method	MEDITRAN SX PLUS
SAE Viscosity Grade	-	15W-40
Density at 15 °C, kg/L	ASTM D4052	0.8718
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	109.7
at 100 °C, cSt	ASTM D7279	14.55
Viscosity Index	ASTM D2270	136
Flash Point, °C	ASTM D92	252
Pour Point, °C	ASTM D97	-30
Total Base Number, mg KOH/g	ASTM D2896	10

Specification / Approvals

- API CI-4/SL
- ACEA E7
- DTFR 15B110
- MAN M 3275
- Volvo VDS-3
- Renault VI RLD-2
- Mack EO-M Plus, Mack EO-N
- Cummins CES 20076/77/78
- Caterpillar ECF 1a/2
- MTU Category 2

Superiorities

- Designed with good thermal and oxidation stability to perform in high power density diesel engine.
- Multigrade viscosity gives optimum engine protection during start up and high temperature operation.
- Improved alkalinity retention provides optimum protection from acid corrosion.
- Good detergency and dispersancy resulting in exceptionally good soot control and engine cleanliness that maintain engine and oil filter performance, as required by engines with EGR technology.
- Provides good protection from excessive wear.

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.