



Product Data Sheet

OPTIMA D6 S (SHPD)

Product Description:

Optima D6 S (SHPD) is a Super High Performance Diesel (SHPD) synthetic heavy-duty diesel engine oil delivering outstanding performance and durability by using the latest unique scientific technology. Developed to provide the ultimate protection for the latest low-emission heavy duty engines fitted with diesel particulate filter traps and other exhaust after-treatment devices, as well as providing the ultimate performance and protection for older engines from Europe, USA and Japan

Applications / Benefits:

- Minimizes oil consumption, very-long drain interval
- Superior valve train wears performance
- Neutralizes acids from high sulfur fuel.
- Particular suitable for the latest diesel engine equipped with EGR .

Typical Characteristics:

Test Description	Method	10W30	10W40
SAE Viscosity Grade	SAE J 300	10W30	10W40
Specific Gravity @ 15 °C	ASTM D 4052	0.862	0.865
Flash Point, °C	ASTM D 92	214	220
Pour Point , °C	ASTM D 97	-36	-36
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	71.1	97.6
cSt @ 100°C	ASTM D 445	11.6	15.2
Viscosity Index	ASTM D 2270	158	164
TBN, mgKOH/g	ASTM D 2896	12.0	11.0
Color	ASTM D 1500	≤ 4.0	≤ 4.0
CCS, cP	ASTM D 5293	5678	5980

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Meet the requirements of:

- API CI-4 / SL
- ACEA A3 / B4-16
- ACEA E7-16
- Caterpillar ECF-1a
- Caterpillar ECF-2
- Cummins 20077
- Cummins 20078
- Detroit Diesel 93K215
- Deutz DQC II
- Deutz DQC III
- GLOBAL DHD-1
- JASO DH-1
- Mack EO-M Plus
- Mack EO-N
- MAN M3275
- Mercedes-Benz 228.3
- Mercedes-Benz 229.1
- MTU Type 2
- Renault Truck RLD-2
- VOLVO VDS 3

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