
DURAFLEET SAE 15W-40 API CI-4/SL ACEA E7-12

Premium Performance, HYDRO-SYN™ heavy duty diesel engine oil for protection in naturally aspirated and turbo diesel engines.

Description

Durafleet 15W-40 is an advanced diesel engine oil for all major European, American and Japanese engine manufacturers.

Durafleet 15W-40 provides a high standard of protection against wear, sludge development and high temperature particulate deposits to maintain engine cleanliness in naturally aspirated and turbocharged diesel engines.

Durafleet 15W-40 is a fit for purpose Heavy Duty Diesel Oil for diesel engines **without** Diesel Particulate Filters (DPF).

Durafleet 15W-40 is effective at sustaining engine durability where Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) NOx reduction systems are operating.

Durafleet 15W-40 provides component durability, stay-in-grade viscosity with proven reduced oil consumption in intercooled, turbocharged engines operating under severe on and off highway conditions.

Durafleet 15W-40 provides optimum protection for control of corrosive wear tendencies, low and high temperature stability, soot handling properties, piston deposit control, valve train wear, oxidative thickening, foaming and viscosity loss due to shear.

Benefits

- Stay-in-grade shear stability improving long term viscosity protection
- Wear protection of all engine components
- High thermal and oxidation stability
- High temperature protection of critical bearings and shafts in turbochargers
- Eliminates engine sludge and maintains valve drivetrain and piston cleanliness
- Reduced oil consumption through use of low volatility HYDRO-SYN™ base oils
- Excellent cold crank and start-up wear protection in colder weather areas
- Meets OEM specifications for mixed fleet operations

Recommendation

For use in heavy duty diesel engines operating on diesel fuel with sulphur in the range of 15ppm to 50ppm.

TECHNICAL DATA SHEET



Specifications

API: CI-4/SL

ACEA: E7-12

CATERPILLAR: ECF-2

CUMMINS: CES 20078

DETROIT DIESEL: DFS93K215

DEUTZ: DQC III-10

GLOBAL: DHD-1

JASO: DH-1

MACK: EO-N

MAN: M3275

MB: 228.3

MTU: Type 2

RENUALT Truck: RLD-2

VOLVO: VDS-3

Backward compatibility:

API: CH-4, CG-4/SJ/SL

ACEA: E2-96

CATERPILLAR: ECF-1a

CUMMINS: CES 20077/20076

DETROIT DIESEL: 93K214

MACK: EO-M Premium Plus

MB: 228.1

VOLVO: VDS-2

TEST DESCRIPTION	ASTM	TEST RESULT
Description	Visual	Clear/Amber
SAE Viscosity Grade		15W-40
Viscosity, cSt @ 40°C, mm ² /s	D-445	96.40
Viscosity, cSt @ 100°C, mm ² /s	D-445	13.58
Viscosity Index	D-2270	142
Density @ 15°C, kg/L	D-4052	0.871
Total Base Number, (TBN), mg KOH/g	D-2896	10.1
HTHS @ 150°C, cPa	D-4683	3.91
Cold Crank Viscosity, mPa.s @ -20°C	D-5293	4,446
Pour Point, °C	D-5950	-33
Flash Point (COC), °C	D-92	240
NOACK Volatility, Evaporative Loss % @ 250°C	D-5800	11.91
Sulphated Ash, mass wt%	D-874	1.05
PRODUCT CODE		88803

88803v20 DG/GS 2/20

Typical formulation specifications at time of production, minor variations may occur.