Product Data Sheet

SHPD FLEET TURBO SAE 20W50 API CI-4/SL ACEA E7

Description



BENZOL® SHPD Fleet Turbo SAE 20W50 API CI-4/SL recommended for use in heavy duty four stroke turbocharged and naturally aspirated diesel engines, both on and off highway, burning high or low Sulphur diesel. It is additionally fortified with oxidation-corrosion inhibitors, foam inhibitors to protect vital engine parts from scuffing and wear and to protect bearings from corrosion.

Applications

BENZOL® SAE 20W50 API CI-4/SL is recommended for high-power heavy-duty diesel engines in mixed fleets in both on-road and off-highway applications. High-tech, electronically controlled and low emission engines. Normally aspirated, turbocharged, and supercharged engines with or without intercooling.

Performance Benefits

- Saves on fleet maintenance cost.
- Reduce Downtime and prolong engine life.
- Improved engine cleanliness and reduced piston deposits.
- Full film lubrication at operating temperatures.
- Excellent EGR emission control performance.
- Excellent low temperature properties help speed cold starts.

Specifications and Approvals

API CI-4/SL, ACEA E7, MB 228.3, MAN 3275, Global DHD-1, Caterpillar ECF-1a, Cummins CES 20078, Volvo VDS 3, Detroit Diesel 93K215.

Product/Part Number

FT16543332	4 x 5	FT16543322	4 x 4
FT16543172	12 x 1	FT16543172	24 X 1
FT16543512	1 x 20	FT16543532	1 x 25
FT16543562	1 x 200	FT16543572	1 x 208
FT16543602	1x1000		

Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L 2.5
Density @ 15 °C, kg/L	D-1298	0.8815
Viscosity @ 100 °C, cSt	D-445	19.75
Viscosity @ 40 °C, cSt	D-445	172.5
Viscosity index	D-2270	132
Flash Point, °C (COC)	D-92	236
Pour Point, °C	D-97	-24
Foam SEQ.I/II/III	D-892	0/0/0
TBN, mgKOH/g	D-2896	10.1
CCS at -15°C (mPa.s)	D-5293	8200
Sulphated Ash(mass%)	D-874	1.28
Sulphur Content (mass%)	D-4294	0.35
Phosphorus (P) (mass%)	D-5185	0.12

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

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