



Tection HD 10W-30

Heavy Duty Diesel Engine Oil

Description

Castrol Tection HD 10W-30 is a heavy duty diesel engine oil designed to provide excellent performance and protection for US'02 technology EGR engines. Its primary application is for pre-2004 US trucks, buses and equipment, including both EGR and non-EGR engines.

Advantages

Castrol Tection HD 10W-30 delivers:

- Advanced soot handling performance to meet the demands of EGR engine technology
- Excellent dispersancy to prevent wear from soot agglomeration.
- Outstanding TBN retention to neutralize harmful acid formation
- Additive technology to protect valves from deposit formation
- Superb shear stability to protect against wear throughout the oil drain interval, even under severe operating conditions.

Warranty and Protection Requirements

Exceeds engine manufacturer's warranty requirements for applications requiring an API CI-4 or OEM approved fluid (listed below)

Industry Specifications and OEM Approvals by Grade

- API CI-4, CH-4, CG-4, SL
- Cummins CES , 20076
- Mack EO-M Plus

Typical Characteristics

Name	Method	Units	Tection 10W-30
Specific Gravity@15°C	ASTM D1298	g/ml	0.89
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	11.3
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	77
Viscosity Index	ASTM D2270	None	138
Ash, Sulphated	ASTM D874	% wt	1.20
Total Base Number, TBN	ASTM D2896	mg KOH/g	10.7
Pour Point	ASTM D97	°C	-45

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