



PRODUCT INFORMATION & DATA SHEET

Devo 20W-50 CF-4 ALL FLEET

Our heavy-duty engine oil (HDEO) developed with carefully chosen base oils and additives to deliver the highest level of protection for long-haul and short-haul diesel engines operating in both on- and off-highway applications, with or without extended service conditions. This oil features excellent oxidation and thermal stability, effectively controlling sludge buildup and deposit accumulation for cleaner engine operation and increased longevity. Its stay-in-grade shear stability combats wear, foam and soot while minimizing viscosity losses due to soot, ensuring maximum equipment durability and functionality, as well as reducing business operating and maintenance costs.

Industry & Performance Levels

API CF-4/SJ, ACEA E2, Allison C4, Caterpillar TO-2, MAN 271, MB 228.1, MTU Type 1, Volvo VDS

Key Benefits

- Excellent additive systems protect against soot buildup, bore polishing and ring sticking.
- Extended TBN reserves supported extended oil drain performance and protection.
- Low evaporation loss helps reduce oil consumption and scaling, suitable for extended intervals.
- Improved protection against corrosion, foam, sludge, oil degradation and thickening.
- SHPD properties allowing high oil reserves even in boundary lubrication conditions.

Areas of Application

For on-highway and off-highway, light- and heavy-duty diesel engines in trucks, buses, vans, and machinery working under moderate to severe service conditions.

Service Recommendation

Follow the oil drain interval required by the respective manufacturers. Observe the owner's manual booklet. Recommend to flush before add in new oil. Change oil filter at time of oil change.

Commercially Available Product Compatibility

Our diesel engine oil is compatible with any synthetic and conventional engine oil. Maximum performance is assured only when used on its own, without being mixed with other oils.

Typical properties

<u>SAE Viscosity</u>		<u>20W-50</u>
Viscosity Index (VI)	ASTM D2270	129
Viscosity at 100 °C; mm ² /s	ASTM D445	19.6
Viscosity at 40 °C; mm ² /s	ASTM D445	171.0
Density at 15 °C; kg/m ³	ASTM D4052	879.0
CCS Viscosity at -15 °C; cP	ASTM D5293	< 10000
Flash Point; °C	ASTM D92	242
Pour Point; °C	ASTM D97	-30
Sulfated Ash; mass%	ASTM D874	1.2
Total Base Number; mgKOH/g	ASTM D2896	9.0

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.

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