

WAF CI-4 15W/40

Market Applications:

High performance diesel applications including pre-2007 turbo-charged, low emission engines designs, including those featuring EGR technology.

On highway applications operating in both high speed/high load and short haul pick-up/delivery Off highway applications operating in severe low speed/heavy load conditions Modern marine high-speed diesel engines, including Caterpillar, Cummins, Volvo, Daihatsu, and Yanmar.

High performance gasoline engines and mixed fleet operators
Transmissions requiring Allison C-4 (SAE 15W-40 Grade)

Performance Levels:

API CI-4, CH-4, CF, SL, SJAGMA 9005 - D94

Caterpillar ECF-2

ACEA E7

Cummins CES 20078 / 20077 / 20076

Renault Trucks RLD

Product Description:

WAF CI-4 15W-40 is high performance diesel engine oil that helps extend engine life in the most severe on and off highway applications. The advanced chemistry of these products delivers exceptional performance in both modern, high-output engines including those with Exhaust Gas Recirculation (EGR), as well as older engines operating on either low or high sulfur fuels. As a result, **WAF CI-4 15W-40** meets or exceeds the API CI-4 PLUS service category and ACEA E7 industry specifications.

Typical Data:

SAE Grade	15W-40
Viscosity, ASTM D 445	
cSt @ 40°C	123
cSt @ 100°C	15.6
CCS, cP, ASTM D 5293	6000 @ -20°C
MRV, cP, ASTM D 4684	29,000 @ -25°C
HTHS @ 150°C, cP, ASTM D4683	4.3
Viscosity Index, ASTM D 2270	133
Sulfated Ash, wt%, ASTM D 874	1.3
Total Base #, mg KOH/g, ASTM D 2896	12.5
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	230
Density @ 15°C kg/l, ASTM D 4052	0.879

Performance Characteristics:

- * Outstanding thermal and oxidation stability
- * Extended TBN reserves
- * Stay-in-grade shear stability
- * Excellent low temperature pumpability
- * Superb resistance to corrosion

HANDLING, HEALTH AND SAFETY

Lubricants consisting of highly refined mineral oils with specific additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

Pack size: 25 and 205 liters, Bulk