



# HEAVY DUTY DIESEL

## HIGH PERFORMANCE 4-STROKE DIESEL ENGINE OIL

### DESCRIPTION:

Mineral-based 4-stroke diesel engine oil designed to deliver optimum performance in both modern and older heavy-duty and light-duty diesel applications. The finest quality mineral base stocks combine with an advanced additive system to protect and extend equipment life by minimizing soot, oxidation and wear. The extensively developed formulation has been field proven through millions of road miles in various environments around the world. Exceeds the requirements of API CJ-4, ACEA E9-12 and most OEMs.

### FEATURES & BENEFITS:

- Meets modern emissions and DPF requirements while still protecting older equipment
- CJ-4 formulation acceptable for use in newer and older Ford diesel engines
- World-class additive system extends equipment life by minimizing soot, oxidation and wear
- Shear stable polymers maintain oil viscosity and film thickness
- Exceeds API CJ-4 and ACEA E9-12 specifications
- Meets or exceeds the following OEM claims: Caterpillar ECF-3, Cummins CES 20081, Daimler MB 228.31, Detroit Diesel DDC 93K218, Mack EO-O PP-07, MAN M3575, MTU Type 2.1, Volvo VDS-4

### APPLICATIONS:

For all 4-stroke diesel engines.

### TECHNICAL DATA

SPECIFICATION	TEST METHOD	15W-40
APPEARANCE	VISUAL	Amber
VISCOSITY @ 40°C (cSt)	D445	115.0
VISCOSITY @ 100°C (cSt)	D445	15.2
VISCOSITY INDEX	D2270	138
FLASH POINT (°C)	D92	238
SULFATED ASH (% mass)	D874	1.0
TBN (mg KOH/g)	D2896	8.8

**EXPERIENCE THE DIFFERENCE**

**Made In The USA**