



CHEMPOL 8013

Diesel & Gasoline Engine Oil
Additive

PRODUCT DESCRIPTION

This product is formulated with detergent, ashless dispersant, anti-friction agent and complex anti-oxidant. It has good high temperature detergency, low temperature dispersancy, antioxidation & corrosion inhibition and antiwear property. The specially selected magnesium salt, molybdenum salt and high molecular weight boronized ashless dispersant in this product form a high temperature and pressure resistant lubricating protection film, which provide excellent protection to engines running at high temperature, high speed and heavy-duty conditions. With good compatibility with Group II, Group III and synthetic oil, it is a high-quality engine oil additive package.

DOSAGE RECOMMENDED (WT%)

Performance level	Dosage (Wt%)	
	Mono	Multi
CI-4, CH-4/SL	-	12.0
CF-4/SL	-	7.5
CF-4/SJ	6.0	6.2
CD/SF	4.6	4.8

TYPICAL CHARACTERISTICS

PROPERTY	SPECIFICATION	TEST METHOD
Appearance	Brownish red clear liquid	Visual
Density (20°C), kg/m ³	950-1050	ASTM D7042
Flash point (COC), °C	≥180	ASTM D92
Kinematic Viscosity (100°C), mm ² /s	105-150	ASTM D7042
Phosphorus, %(m/m)	≥0.95	ASTM D4951
Zinc, %(m/m)	1.03	ASTM D4951
Calcium, %(m/m)	≥3.0	ASTM D4951
TBN, mg KOH/g	≥110	ASTM D2896

PACKING, STORAGE AND TRANSPORTATION

Please observe the US DOT standard and the MSDS of this product when storing, shipping, handling and using this product. It is nonflammable, non-explosive and non-corrosive. The highest storage temperature shall not exceed 75°C. For long term storage, the highest temperature shall not more than 45°C. For product details of safety, health and environmental precautions, please refer to the MSDS of this product.