



## CHEMPOL 7235

### Heavy Duty Diesel Engine Oil Additive

#### PRODUCT DESCRIPTION

CHEMPOL 7235 meets or exceeds the requirements of API CJ-4/CI-4+/CI-4/CF/SM, ACEA E7, Cummins 20081, Mack EO-O Premium Plus 07, Caterpillar ECF-3, DDC PGOS93K218, Volvo VDS-4, Navistar, DHD-1, and JASO DH-2 when formulated as an SAE 15W-40 engine oil, using an appropriate non-dispersed viscosity modifier and qualifying Group II base oils. Contact a Chempol representative for a list of all applicable industry & OEM claims and base oils coverage.

#### DOSAGE RECOMMENDED (WT%)

13.9 wt% (12.4 vol%) is the recommended treat rate.

#### TYPICAL CHARACTERISTICS

PROPERTY	SPECIFICATION	TEST METHOD
Density (20°C) , kg/m <sup>3</sup>	970-1050	ASTM D4052
Flash point (COC), °C	≥180	ASTM D92
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	150-200	ASTM D445
Phosphorus, % (m/m)	0.75-0.82	ASTM D4951
Zinc, % (m/m)	0.84-0.92	ASTM D4951
Calcium, % (m/m)	0.72-0.80	ASTM D4951
Magnesium, % (m/m)	0.67-0.75	ASTM D4951
Molybdenum % (m/m)	0.057-0.063	ASTM D4951
Nitrogen, % (m/m)	0.86-0.94	ASTM D5291
Sulfur, % (m/m)	2.0-2.4	ASTM D4294
TBN, mg KOH/g,	66-74	ASTM D2896
Sulphated Ash, % wt	6.00	ASTM D874

#### 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.