



CHEMPOL 8108

Diesel Engine Oil Additive

PRODUCT DESCRIPTION

CHEMPOL 8108 is a performance additive package for formulating premium quality diesel engine oils. Used at the recommended treat rate in combination with approved base stocks and viscosity modifiers, CHEMPOL 8108 provides engine oils meeting API CK-4/SN, CJ-4/SN & ACEA E7/E9/E11 Specifications.

DOSAGE RECOMMENDED (WT%)

Performance level	SAE Viscosity Grade	Dosage (Wt%)
CK-4/SN	15W-40, 10W-30,10W-40	13.6
CJ-4/SN	15W-40, 10W-30,10W-40	13.2

TYPICAL CHARACTERISTICS

PROPERTY	SPECIFICATION	TEST METHOD
Appearance	Brownish red clear liquid	Visual
Density (20°C) , kg/m ³	950-1050	ASTM D4052
Flash point (COC), °C	≥180	ASTM D92
Kinematic Viscosity (100°C), mm ² /s	Report	ASTM D445
Phosphorus, % (m/m)	0.78-0.87	ASTM D4951
Zinc, % (m/m)	0.87-0.96	ASTM D4951
Calcium, % (m/m)	1.46-1.61	ASTM D4951
Boron, % (m/m)	0.05-0.07	ASTM D4951
Molybdenum % (m/m)	0.071-0.078	ASTM D4951
Sulfur, % (m/m)	2.5-2.8	ASTM D4294
TBN, mg KOH/g,	69-79	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.