



CHEMPOL 5022

Antiwear Hydraulic Oil Additive

PRODUCT DESCRIPTION

CHEMPOL 5022 additive is designed for the formulation of hydraulic oils. In addition to superior wear control, the product imparts rust and oxidation inhibition to the oil. CHEMPOL 5022 additive is a flexible package suitable for both premium quality and economic performance levels through an appropriate choice of dosage.

DOSAGE RECOMMENDED (WT%)

The recommended dosage for CHEMPOL5022 additive is as follows:

- ❖ 0.3 % to 0.5 %wt for minimum antiwear performance in high leakage system.
- ❖ 0.6 % to 0.75 %wt for economic hydraulic oil requiring wear and oxidation protection.
- ❖ 0.8 % to 1.0 %wt for premium hydraulic oils meeting major National and International Specifications.
- ❖ 1.25 %wt to formulate hydraulic oil meeting Rexnord Racine requirements for long drain applications with increased load carrying abilities.

FEATURES

- ❖ Outstanding wear protection, as manifested by performance in the 35VQ25 pump exceeding Vickers requirements.
- ❖ Good filterability.
- ❖ Security and confidence from a product with an extensive history of trouble – free performance worldwide.

PRODUCT CHARACTERISTICS

Item	Index	Typical Value	Test Method
Appearance	Clear Amber Liquid	Clear Amber Liquid	Visual
ASTM Color	0.5-2.0	1.0	ASTM D6045
Kinematic Viscosity (40°C) mm ² /s	50-150	100	ASTM D445
Density (15°C), kg/m ³	1000-1100	1060	ASTM D4052
Flash Point (COC), °C	≥140	<200	ASTM D92
Zn Content, m%	7.1-7.9	7.5	ASTM D5185
P Content, m%	6.0-6.8	6.4	ASTM D5185

PACKING, STORAGE AND TRANSPORTATION

Please refer 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.