

L-HV Low Temperature Anti-Wear Hydraulic Oil

L-HV low temperature anti-wear hydraulic oil is blended with highly refined base oil with high viscosity index and well-chosen special functional additives by internationally advanced process. It is especially suitable for the lubrication of moderate/high pressure system working in conditions of outdoor, severe cold regions and large ambient temperature variation or severe condition. The product comprises several grades such as 15, 22, 32, 46 and 68 according to its kinematic viscosity at 40°C.

Advantages

- ⊙ With high anti-wear performance as that of L-HM anti-wear hydraulic oil, better high/low temperature performance and demulsibility than L-HM, providing outstanding low temperature startup ability, low temperature fluidity and high temperature protection, effectively prolonging service life of oil
- ⊙ Outstanding viscosity-temperature performance, shear and oxidation stabilities, small viscosity variation ensuring more stable work of hydraulic system
- ⊙ Outstanding anti-wear, anti-rust and anti-corrosion performance, prolonging service life of hydraulic equipment
- ⊙ Outstanding adaptability to seals, effectively preventing oil from leaking

Performance

The product meets the following specifications:

- ⊙ GB 11118.1-94(L-HV)
- ⊙ ISO 6743/4 (L-HV)

Applications

- ⊙ Suitable for lubrication of moderate/high pressure system working in conditions of outdoor, severe cold regions and large ambient temperature variation or severe condition, such as hydraulic system of engineering, construction, mining and oil field machineries as well as ships and vehicles

Typical properties

Items	L-HV low temperature anti-wear hydraulic oil		
	32	46	68
ISO viscosity grade	32	46	68
Kinematic viscosity (40°C), mm ² /s	33.39	48.72	70.47
Flash point (COC), °C	231	240	238
Pour point, °C	-39	-37	-35