

L-HS Low Freezing Anti-Wear Hydraulic Oil

L-HS low freezing anti-wear hydraulic oil is blended with highly refined hydrogenated base oil of high viscosity index and well-chosen special functional additives by internationally advanced process. It has better low temperature performance than L-HV low temperature anti-wear hydraulic oil, especially suitable for the lubrication of outdoor machinery in severe cold regions. The product comprises several grades such as 22, 32 and 46 according to its kinematic viscosity at 40°C.

Advantages

- ⊙ With better cost performance ratio, capable of substituting L-HM and L-HV of same grade as well as imported low temperature hydraulic oil products
- ⊙ With better high/low temperature performance and demusibility compared to L-HM and L-HV, 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 equipment
- ⊙ Good anti-foaming, air release and demusibility performance
- ⊙ Outstanding adaptability to seals, effectively preventing oil from leaking

Performance

The product meets the following specifications:

- ⊙ GB 11118.1-94 (L-HS)

Applications

- ⊙ Especially suitable for outdoor machinery in severe cold region in winter, and moderate/high pressure hydraulic system in conditions of 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-HS low freezing anti-wear hydraulic oil		
	22	32	46
ISO viscosity grade	22	32	46
Kinematic viscosity (40°C), mm ² /s	21.27	31.35	45.81
Flash point (COC), °C	222	224	238
Pour point, °C	-53	-48	-43