

4637-2 Semi-synthetic Hydraulic Oil

SINOPEC 4637-2 semi-synthetic hydraulic oil is blended with semi-synthetic base oil of special structure and quality additive of high efficiency.

Advantages

- ⊙ Outstanding low temperature property, ensuring normal operation of equipment under outdoor or cold conditions
- ⊙ Outstanding viscosity-temperature property, shear and oxidation stabilities, small viscosity variation ensuring stabler work of hydraulic system
- ⊙ Outstanding anti-wear, anti-rust and anti-corrosion properties, prolonging service life of equipment
- ⊙ Good defoaming ability, anti-emulsion and air release properties, effectively reducing cavitation and emulsion
- ⊙ Good filterability, minimizing blockage and contamination of hydraulic system

Performance Specification

The product meets the following specifications:

- ⊙ Q/SH303 232—2007

Applications

- ⊙ Suitable for hydraulic system of engineering, construction, mining and oil field machineries as well as ships and automobiles, especially for moderate/high pressure system working in conditions of outdoor, severe cold regions and large ambient temperature variation or severe operating mode
- ⊙ Applied temperature range: -40℃ ~ 100℃, and 130℃ for short period of time

Typical Properties

Items	4637-2 semi-synthetic hydraulic oil		
	22	32	46
Kinematic viscosity (40℃), mm ² /s	21.27	31.35	45.81
Viscosity index	162	204	213
Pour point, ℃	-50	-48	-42
Flash point (open), ℃	205	214	228
Anti-emulsion property, min	7	10	15
Air release (50℃), min	2.5	4.2	4.5
Corrosion (copper sheet, 100℃, 3hrs), level	1b	1a	1b
Liquid phase rust test	Rustless	Rustless	Rustless
Shear stability (after 250 circulations) variation of kinematic viscosity at 40℃, %	0.21	0.72	1.55
Index of adaptability to seals	7	5	5

Special Attentions

- ⊙ Do not mix with other lubricant, which resulting to the reduction of product performance
- ⊙ Close the cap in time after each use, keeping moisture, dust away

Packing

- ⊙ To be packed with 4L, 200L drums (barrels) or as required by customer