



46 # ANTI-WEAR HYDRAULIC OIL

Product Description

ROLLESTER ANTI-WEAR HYDRAULIC OIL is a line of premium quality antiwear lubricants blended using selected and carefully refined high-quality mineral oils, combined with a multifunctional additive system and available in a wide viscosity range from ISO Grade 32 to 150. This line of oils has been designed to meet the requirements of major

hydraulic pump manufacturers, and its applications include hydraulic systems used in industrial and marine applications as well as in mobile machinery.

Features and benefits

- High-quality base oils combined with multifunctional additive technology provide outstanding antiwear properties, rust protection, low varnish and deposit formation, good demulsibility, oxidation resistance, good antifoam properties and fast air release properties, to protect and extend the life of hydraulic pumps and systems.
- Good hydrolytic stability and filterability, ensure optimum product life and performance, and prevent filter blocking.





- The wide selection of viscosity grades ensures that the optimum viscosity can be used for any hydraulic system operating temperature.
- Fully compatible with common seal materials usually found in hydraulic systems, to extend seal life and prevent fluid leakage.

Product Performance

The excellent viscosity-temperature performance and low temperature characteristics, to ensure that the hydraulic system at low temperatures have a good cold start and pumping, excellent wear resistance, oxidation stability. Anti-rust, air release and filter, to ensure accurate system power transmission; with a variety of conventional sealing materials are good adaptability, to ensure that the system is sealed without leakage.

Application

Applicable to Carter, Volvo, Hitachi, Yamagata Komatsu, Daewoo, Hyundai, Kobelco, Kato, Jiayou, Chenggong, mountain push, Long workers, temporary workers, Fukuda Europe and other excavators, loader hydraulic system oil The Applicable to Sanya, Zoomlion and other domestic imports of hydraulic pump system oil pump. Applicable to various equipment for high pressure pump hydraulic system oil.



Typical Properties

Item	ANTI-WEAR HYDRAULIC OIL
ISO Viscosity grade	46
Kinematic Viscosity@ 40C, mm ² /s, ASTM D445	45.88
Kinematic Viscosity@ 100C, mm ² /s, ASTM D445	6.77
Viscosity Index, ASTM D2270	102
Air release at 50°C, mins, ASTM D 3427	5.2
Foaming characteristics, sequences 1,2 and 3, ASTM D 892	10/0;10/0;20/0
Neutralisation number, mg KOH/g, ASTM D 974	0.72
FZG test(A/8.3/90), fail load stage, DIN 51345	12
Rust prevention, ASTM D 665	--
Distilled water	Pass
Synthetic sea water	Pass
Copper corrosion, 3 hours@100°C, ASTM D 130	1b
Water separability, ASTM D 2711	15(54°C)
Pour Point, °C, ASTM D97	-15
Flash point (COC), °C, ASTM D92	230