



HYDRAULIC OIL ISO-46

Technical Data Sheet

PACKAGING:

1L, 4L, 5L, 7L, 20L, 25L, 60L, 208L



DESCRIPTION:

Volkio Hydraulic oils are premium quality anti-oxidant, anti-wear, anti-rust hydraulic oils for industrial hydraulic applications blended with selected high quality base stocks and special additives to give excellent demulsibility, superior oxidation and thermal stability and excellent load carrying capacity.

BENEFITS:

- Excellent oxidation & thermal stability.
- Outstanding anti-wear performance.
- Low friction and hydraulic stability.
- Excellent air release and antifoam properties.

SPECIFICATIONS:

Hydraulic Oils meets and exceeds the performance standards of Denison HFI, HF2, HFO specifications DIN 51524 PART 2, FORD M-6C32, CINCINNATI P-68, P-69, VICKERS M 29505 (Mobile Equipment), Vickers 1-2865 (Industrial Equipments) AF nor NFE 48-603 HM, US steel 136-127, ASLE 64-1 to 64-4, 70-1 to 70-3.

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	7 Cst
Kin. Viscosity @40°C	ASTM D 445	46.5
Viscosity Index	ASTM D 2270	107
Density @ 60/60F	ASTM D 1298	0.875
Pour Point	ASTM D 97	≤ -27°C
Flash Point	ASTM D 92	≥ 225°C
Water Content	ASTM D 6034	-ve
Antifoam	ASTM D 892	Pass

APPLICATION:

This oil is specifically designed to satisfy the requirements of the manufacturers of hydraulic systems where the highest demands are made concerning high pressure, temperatures or speeds. It is recommended for the hydraulic systems of the following types : Vickers, Gerotor, Gresen, HPM, Denison, Cessna, Hydrexo and Worthington. It is also suitable for the lubrication of workshop equipment, reducing gears, bearings, compressed air systems and air screw compressors.