



HYDEX (HLP) ISO 46

PERFORMANCE LEVELS: Meets and Exceeds

ISO 6743/4 HM , DIN 51524 P2 HLP , Cincinnati Milacron P 68, P 69, P 70 , Bosch Rexroth RE 90 220 , US steel 136, 127 , Eaton Vickers I-286-S (Ind), M-2950-S (Mob)RE 90 220 , DENISON HF0, HF1, HF2 , SEB 181222 , SAE MS 1004 ,AFNOR E48603 CATEGORY HM

Danzol **HYDEX (HLP) ISO 46 AW (Anti Wear) Hydraulic Oils** are high performance, anti-wear products for all types of hydraulic systems found on industrial, agriculture, construction and automotive equipment. Made from highly refined virgin mineral oil and blended with rust and oxidation inhibitors. All grades of Danzol hydraulic fluids meet Cincinnati Milacron and Vickers hydraulic oil specifications.

Typical properties:

PROPERTY	TYPICAL VALUES
ISO GRADE	AW 46
VISCOSITY @ 40°C, CST (ASTM D 445)	46.5
VISCOSITY @ 100°C, CST (ASTM D 445)	6.85
VISCOSITY INDEX	102
RELATIVE DENSITY @20°C	0.8750
ACIDITY, MGKOH/G	0.50
AIR RELEASE VALUE @50°C	8
POUR POINT °C	-24
CLOSED FLASH POINT °C	226
FOAM SEQUENCE 1, MINS	NILL/0
DEMULSIFICATION (D1401) MINS	15
4-BALL 1HR WEAR @ 30KG, 1640 RPM, MM	0.4
FZG (A/8.3/90) FAIL STAGE	12
VICKERS HP VANE PUMP TEST	25

Advantages:

- Environment friendly
- Excellent oxidation and thermal stability
- Excellent anti-wear protection
- Prevent Rust and corrosion
- Improved foam and air entrainment performance
- Minimum viscosity changes over a wide temperature range.
- Meets major pump manufacturer's requirements
- Good stability in the presence of water

Performance Specification:

- Meets Cincinnati Milacron and Vickers hydraulic oil specifications.
- Meets major pump manufacturer's requirements

Applications:

- Danzol AW Hydraulic lubricants are most commonly used for hydraulic systems with vane, piston, or gear-type pumps, also compatible to lubricate lightly loaded reciprocating compressors.