



LUBRICANTS™

POWER TO PERFORM™

ENKLO HLP T PLUS

ISO VG 46 & ISO VG 68

SPECIAL FEATURES

ENKLO HLP T PLUS is a high performance hydraulic fluid based severely hydro treated base stocks. The unique anti wear additive system provides enhanced protection for components as compared to traditional hydraulic oil meeting DIN 51524 Part II (HLP) and Parker Denison HF-0. The additive system is thermally stable and resists hydrolysis in the combined presence of thermal, mechanical and chemical stress.

ENKLO HLP T Plus series hydraulic oil has passed the demanding Bosch Rexroth RFT-APU-CL Closed Loop Axial Pump test. The test pump operation includes certain periods where pressure exceeds 500 bar with temperatures touching peak of 100 degrees C . The total duration of testing is 510 hours.

ENKLO HLP T Plus series also exceeds the requirement of DENISON HF-0 and has comfortably passed the Parker Denison Hybrid Pump test plus the EATON Vickers 35VQ25 Pump test. The product has excellent filterability.

ENKLO HLP T Plus Exceeds :

Bosch Rexroth RDE-90235

DIN 51524 PART 1

DIN 51524 PART 2

Eaton Brochure 03-401-2010

Eaton Lubricant Specification E-FDGN-TB002-E

Fives Cincinnati Hydraulic and Lubricant Oil

ISO 11158

Parker Denison HF-1, HF-2, HF-0

IS: 10522 & IS:11656

IS 10522

DIN 51524 Part 2

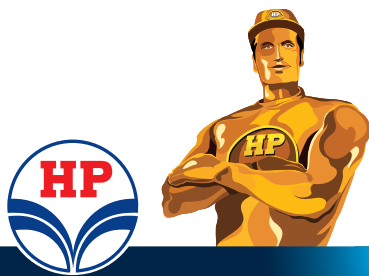
IS 11656

DENISON HF-0

Bosch Rexroth RE 90245

ENKLO HLP T PLUS





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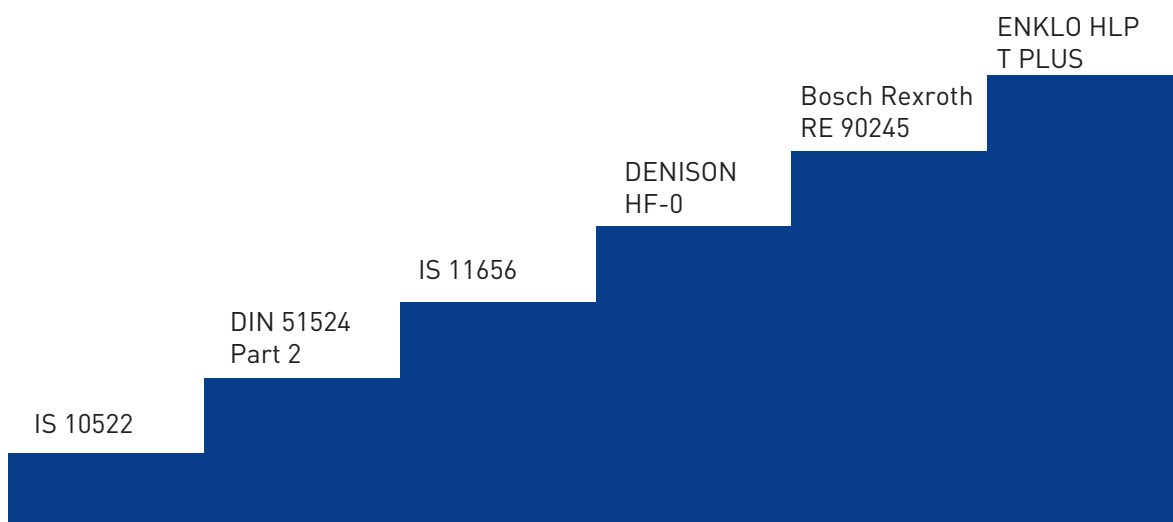
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PERFORMANCE BENEFITS

- Top of the line Enhanced wear protection resulting in prolonged maintenance free equipment life. Improved wear protection from market general DIN 51524 Part II (HLP) Fluids.
- Outstanding oxidation and thermal stability. Oxidation protection is exceptional with TOST Life exceeding 5500 hours.
- Excellent hydrolytic stability
- Maintains excellent internal surface cleanness
- Good protection against corrosion even under salty & humid conditions.
- Good demulsifying properties
- Low foaming tendency
- Excellent seal compatibility

Specifications : (Typical)

Parameter	ENKLO HLP T 46 Plus	ENKLO HLP T 68 Plus
ISO VG Grade	46	68
Kinematic Viscosity @40 deg C	46	68
Kinematic Viscosity @100 deg C	6.8	8.8
Flash Point, COC, Deg C	229	235
Pour Point deg C	-33	-33

OEM Approvals & Application:

ENKLO HLP T PLUS carries the formal approval and listing from Bosch Rexroth and Fives Cincinnati Lab (earlier known as Cincinnati Milacron). By virtue of these approvals ENKLO HLP T PLUS grades can be used in hydraulic system of plastic injection molding machines, hydraulic systems in steel, mobile equipment & engineering industries where the latest pumps of Bosch Rexroth are in use.