



Technical data sheet

TOPO Hydraulic oil HLP 32, HLP 46 Premium Quality Hydraulic Oils

Description

A range of premium grade mineral based hydraulic oils with good anti-wear properties providing protection in the most demanding of systems. They are rust, corrosion and oxidation inhibited. Additionally, they contain an effective anti-foam additive to control foam and facilitate the rapid release of entrained air, therefore maximising hydraulic system efficiency.

Applications

Recommended for both Industrial and off highway hydraulic systems. Other applications include: Machining centre headstocks, centralised lubrication systems, suspension units, tipping gear, jacks, PTOs, et cetera.

TOPO hydraulic oils are classified as below:

DIN 51502 – type HLP

ISO 6743-4; 2015 – type HM

Performance Levels

ISO 11158

DIN 51524 Part II

Eaton E-FDGN-TB002-E

Fives (Cincinnati Machine) P-68, P-69, P-70 (note – now obsolete specification).

AIST 126/127

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

Bosch Rexroth RDE 90235

Physical Characteristics

ISO VG Grade	32	46
Appearance	Very Pale Liquid	Very Pale Liquid
Relative Density @ 15.6 °C	0.856	0.867
Kinematic Viscosity @ 40 °C (cSt)	32.1	47.3
Kinematic Viscosity @ 100 °C (cSt)	5.56	7.05
Viscosity Index	111	106
Closed Flash Point (°C)	216	224
Pour Point (°C)	-36	-36
ASTM D665A/B Rust Test	Pass	Pass
FZG A/8.3/90 Gear Test, pass load stage	11	12

Figures based on average production values.

Part Nos. HLP32: HLU1010, HLU1011, HLU1012, HLU1013

HLP46: HUL1017, HLU1018, HLU1019

Issue date: October 2025

HTS Spares, Surrey House, Beacon Road, Hereford, HR2 6JF

T +44 (0) 1432 373 350 Email: info@htsspares.com