Ubuntu Hydraulic 32 / 46 / 68 / 100

Group II based antiwear hydraulic oils

UB-TDS-035 | Revision 0.1 | 16 October 2026

Applications

Specified high- and low-pressure industrial and mobile hydraulic systems with gear, vane or piston pumps.

Performance features

Wear protection; oxidation resistance; water separation and rust control.

Reference performance specifications

Parker(formerly Denison)HF-0, HF-1, HF-2 Eaton M-2950-S and I-286-S3 MAG P68, P69, P70 DIN 51524-P2 {HLP) Bosch Rexroth RE 90220; JCMAS P041 HK Hydraulic specification ANSI/AGMA 9005-E02-RO GM LS-2 AIST 126, 127 SEB 181222

Reference designations require verification for the Ubuntu formulation. Ubuntu certification, licensing and OEM approval have not been established.

Reference typical characteristics

Hydraulic	32	46	68	100
ISO Oil Type	HM	HM	HM	HM
Kinematic viscosity at 40 C, cSt (ASTM D445)	32	46	68	100
Kinematic viscosity at 100 C, cSt (ASTM D445)	5.4	6.8	8.8	11.5
Viscosity Index (ASTM D2270)	102	102	102	102
Air Release Minutes to 0.2% (air @ 50°C) (Din 51381)	5	5	6	7
Density @ 15°C kg/l (ASTM D1298)	0.870	0.874	0.878	0.886
Flash Point °C (COC), (ASTM D92)	209	221	227	251
Pour Point °C (ASTM D97)	-30	-27	-24	-21

DRAFT: Technical values have not been verified for the Ubuntu formulation. Confirm product identity, batch data, specifications and the applicable safety data sheet before release or use. Typical values are not manufacturing limits.