



PRODUCT DATA SHEET

HI TEMP HYDRAULIC FLUID ISO 32 46 68 100

DESCRIPTION

High Temp Hydraulic Fluids are blended from high quality virgin base oils and special additive packages which give superior protection against oxidation, wear and corrosion. These oils have a very high viscosity index, which prevents thinning out at high temperatures and makes them eminently suitable for all types of hydraulic equipment working under extreme conditions. High Temp Hydraulic Fluids contain zinc antiwear additives.

In addition to meeting all major global hydraulic performance specifications, this oil reduces wear, valve sticking, metal transfer and filterability issues; handles more demanding duty cycles (e.g., with continuous production or in continuous service of leased equipment); and resists oil degradation at higher operating temperatures.

Grade	32	46	68	100
Viscosity (Typical cSt @ 40°C)	32	46	68	100
Viscosity (Typical cSt @ 100°C)	6.1	7.9	10.5	13.9
Viscosity Index	>140	>140	>140	> 140
Specific Gravity @ 15.6° C (ASTM D 1298)	0.872	0.879	0.868	0.874
Copper Strip Corrosion (ASTM D 130, 3 hrs @ 100° C)	1B	1B	1B	1B
Rust Characteristics Proc B (ASTM D 665)	Pass	Pass	Pass	Pass
Pour Point °C	-27	-25	-25	-24
FZG 4-Square Load Support (DIN 51354)	12	12	12	12

APPLICATION

Use in the majority of hydraulic systems in earthmoving equipment, machine tools, forklifts, presses, rams and extruders or whenever the following specifications are required. (Do Not use in hydraulic equipment with silver bearings surfaces – in this case use zinc free hydraulic Oil)



Bimrose Lubricants
15 Pinnacle Street Brendale QLD 4500 | Ph: (07) 49213 800
admin@prolube.com.au | www.bimrose.com.au
ABN: 64 010 867 428

STANDARDS

Meets or Exceeds the following:

Eaton Brochure 694 for 35VQ25A (formerly Vickers I-286-S, M-2950-S)

DIN 51524, Part 2 (HLP), Part 3 (HVLP)

Cincinnati Milacron P.68, P.69, P.70.

ISO 11158 Categories HM and HV

Racine variable volume vane pumps.

General Motors LS2

ASTM D6158 Type HM and HV

AFNORE NF E 48-603 HM and HV.

Commercial Hydraulics except those with silver bearing surfaces.

CONTAINER SIZES

205 Litres, 20 Litres, 5 Litres