

SPEC OIL

SPEC OIL HYDRAULIC OIL ISO 32, 46, 68, 100, 150, 220

DESCRIPTION

High quality anti-wear hydraulic fluid formulated for use in high pressure stationery and mobile hydraulic systems. Incorporates zinc phosphate additive technology.

APPLICATION

Not recommended for systems with silver plated components.

- Wide range of industrial hydraulic equipment.
- Hydraulics on construction and mobile equipment.
- Hydraulic systems with gear, vane or piston pumps.
- Industrial circulating systems.
- Machine tools and enclosed gear systems.
- Plastic injection moulding.

BENEFITS

- Outstanding pump and equipment protection, even in very severe operating conditions.
- Extends oil and equipment service life by avoiding problems such as servo valve sticking.
- Prolongs oil change intervals.
- Reduces yellow metal corrosion by controlling oil stability.
- Prevents downtime by minimising flow restrictions due to clogged filters and extends life equipment
- Suitable for many other industrial applications.

SPECIFICATIONS

- DIN 51524 Part 2 (HLP) & Part 3 (HVLP)
- GM LS2
- ISO 11158 Categories HM and HV
- ASTM D 6158 Type HM and HV
- Afnor NF E 48-603 HM and HV
- US Steel 126 and 127
- Cincinnati P-68, P-69, P-70
- Denison HF-0, HF-1 and HF-2
- Eaton 694 for 35VQ25A (formerly M-2950 and I-286-S)

KEY PROPERTIES

ISO Grade	32	46	68	100	150	220
Air Release @ 50 °C; min	5.0	6.7	8.6	11.0	11.2	11.4
Viscosity @ 40 °C	32	46	68	100	150	220
Viscosity Cst @ 100 °C	5.4	6.7	8.6	11.1	14.8	20.3
Viscosity Index	99	98	97	96	95	95
Flash Point °C (Min)	210	220	226	240	254	262
Pour Point °C (Max)	-33	-30	-24	-22	-21	-18

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