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## TECHNICAL DATA SHEET

### Fleetline Hydraulic Oil (32,46,68,100,150,)

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#### PRODUCT DESCRIPTION

High performance anti-wear hydraulic oil designed for all types of hydraulic systems operating under severe conditions, including modern hydraulic high-pressure pumps. Meets or exceeds the performance requirements of all major mainstream hydraulic equipment manufactures. It has the capability to provide performance reverse, leading to problem free of equipment.

#### PERFORMANCE STANDARDS

- DIN 51524 Part 1, 2,3 (ISO 32,46, 68)
- ISO Standard 6743 Part 4, Type HR
- AAMA Standard 524 Part 2 (ISO 32,46,68)
- US Steel 126 and 127
- Vickers M-2952-S, 1-286-S (Industrial applications), M-2950-S (Mobile application) ISO 32,46,68)
- Denison Hydraulics HF-O (ISO 32,46,68)
- Bosch Rexroth RDE-90235
- GM LS-2 Antiwear hydraulic oil
- Denison HF-1, HF-2, HF-0
- Eaton Brochure 03-401-2010

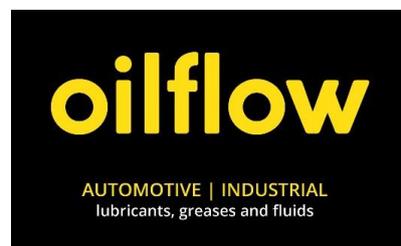
#### APPLICATIONS

- Industrial hydraulic systems
- Hydraulic on construction or mobile equipment
- Industrial circulating systems
- Hydraulic systems that have gear, vane or piston pumps
- Machine tools
- Plastic injection moulding equipment



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#### BENEFITS

- The special anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film.
- Good hydraulic stability and water separation characteristics provide excellent filterability in the presence of water contamination.
- Good anti-foam and air release properties ensure smooth operation and system efficiency by using silicone free components.
- The rust and oxidation inhibitor system prevent abrasive particles of rust forming which can damage equipment.
- High oxidation stability resists oil thickening therefore eliminating unnecessary changing of hydraulic fluid.
- Reduced maintenance and operating costs.
- Superior thermal stability avoiding formation of sludge even at high temperature.

#### KEY PROPERTIES

ISO GRADE	N/A	32	46	68	100	150	220
Viscosity 40 °C	cSt	32	46	68	100	150	220
Density@ 20°C	Kg/L	0.865	0.875	0.878	0.880	0.884	0.902
Timken load lb		40	40	40	40	40	40
Pour point	°C	-30	-30	-24	-21	-18	-18
Flash point C.O.C.	°C	210	220	226	220	220	227
VI	N/A	102	100	100	100	97	96

PACKAGE SIZE	1 Litre	5 Litres	20 Litres	210 Litres	1000 Litres
Hydraulic 32	-	✓	✓	✓	-
Hydraulic 46	-	✓	✓	✓	✓
Hydraulic 68	✓	✓	✓	✓	✓
Hydraulic 100	-	-	✓	✓	-
Hydraulic 150	-	-	✓	-	-

