

PO Box 14527, Wadeville 1422  
4 Saligna Road  
Boksburg, Johannesburg

Tel: (011) 827-5848  
Fax: (011) 827-5832  
E-mail: oilflow@oilflow.co.za  
www.oilflow.co.za



## TECHNICAL DATA SHEET CIRCULATING (32,46,68,100,150,220)

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### PRODUCT DESCRIPTION

Designed for all types of hydraulic equipment, including modern hydraulic high-pressure pumps and systems. Meets or exceeds the performance requirements of all measure 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
- AGMA 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

### APPLICATION

- 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

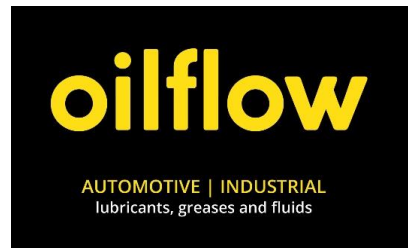
### BENEFITS

- The special anti-wear additive package reduces wear by protecting surfaces when load causes breakdown of the lubricant film.



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- 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.
- 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.
- It extends train intervals.

### KEY PROPERTIES

ISO Grade	Kg/L	32	46	68	100	150	220
Viscosity 40 °C	cSt	32	46	68	100	150	220
Air Release @50	C, mins	5	6.7	8.6	9.1	10	11.2
Timken Load	lb	40	40	40	40	40	40
Flash point	°C	210	220	226	220	220	227
Pour point	°C	-30	-30	-24	-22	-21	-18
VI		100	100	100	100	100	100

PACKAGE SIZE	500ml	1 Litre	5 Litres	20 Litres	210 Litres
Circulating oils	✓	✓	✓	✓	✓

