



Sasol Hydraulic Fluid Metal Free 22 TO 100

HYDRAULIC OIL, METAL FREE, GRADES 22, 32, 46, 68 & 100

Description

Sasol Hydraulic Fluid Metal Free oils are high quality, rust and oxidation-inhibited oils having excellent anti-foam properties. These are metal free (ashless) and exceptional performance oils that combine the functions of lubricating and hydraulic oils in a single product. They are designed to be compatible with yellow and white metals.

Application

Sasol Hydraulic Fluid Metal Free oils are intended for:

- hydraulic systems
- fluid power transmissions systems
- lightly to moderately loaded spur and bevel gears
- compressors (including certain rotary and other compressors)
- machine tool and other bearings
- industrial torque converters
- hydraulic couplings

Features and Benefits

Sasol Hydraulic Fluid Metal Free 32, 46, 68 & 100 carry the following advantages:

- very high oxidation stability (extended service life)
- high load carrying capacity
- good demulsibility
- good corrosion protection against steel and non-ferrous metals
- good filterability
- good air release and antifoam properties
- excellent thermal and hydrolytic stability

Sasol Hydraulic Fluid Metal Free oils can be used to good advantage in rotary sliding vane pumps (and other compressors) where vane sticking is experienced with other lubricants.

Product Specifications

Denison HF-0, HF-1 & HF-2	ISO 11150 (HM, HV)
Din 51524 Part 2 & 3 (HLP, HVLP)	SS 155434
Cincinnati Milacron P-68, P-69 & P-70	SEB 181 222
AFNOR NF E 48-603 (HM, HV)	US Steel 126, 127 and 136
ISO 6743/4 (HM, HV)	Vickers M-2950-S, I-286-S



Typical Characteristics

Property	Units	22	32	46	68	100	ASTM	IP
Viscosity							D445	71
@ 100°C	mm ² /s	4,2	5	7	8	11		
@ 40°C	mm ² /s	22	32	46	68	100		
Viscosity Index		96	100	100	100	95	D2270	226
Pour Point	°C	-18	-15	-18	-12	-9	D97	15
Flash Point (COC)	°C	190	210	225	240	240	D92	36
Density @ 20°C	kg/m ³	861	872	875	880	887	D1298	160
Load Carrying Capacity	Stage	12	12	12	12	12		334
Antiwear Characteristics	mg loss	30	30	30	30	15	D2882	

Storage and Handling

Use PVC, nitrile or other oil resistant gloves and protective clothing to prevent skin contact. Where eye contact is a potential hazard, goggles should be worn.

Avoid temperatures above 80°C and strong oxidizing agents.

Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas are acceptable.

Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

Pack Information

<u>Grades</u>	<u>Product Code</u>	<u>Pack Size</u>
22		20 L 210 L Bulk
32		20 L 210 L Bulk
46		20 L 210 L Bulk
68		20 L 210 L Semi-Bulk (A&S) Bulk (A&S)
100		20 L 210 L Bulk