MOTOROL LUBRICANTS

PRODUCT DATA SHEET

CIRCULATING & HYDRAULIC OIL

MOTOROL HYFLOW WW - 32/46/68/100 (WATER WHITE)

Introduction:

MOTOROL Hyflow WW grades are blended from highly refined base stock and carefully selected anti-oxidant, anti-wear, anti-rust and anti-foam additives to meet the requirement of high pressure systems and also where pumps of high speed are operated.

Applications:

MOTOROL Hyflow WW grades are effective in reducing vane, piston & gear pump wear and so recommended for use in hydraulic systems, enclosed gear box, chain drives, compressors, vacuum pumps, mining machinery, machine tools, oil circulating systems. Also used in antifriction bearings of electric motors.

Advantages:

- Tailor made viscosity to suit hydraulic systems.
- Good film strength
- Excellent anti-wear properties.
- Good demulsibility characteristic.
- Anti corrosive
- Good anti rusting and oxidation stability.
- Excellent anti foaming

Performance Standard:

Meets IS - 10522 - 1983 , Vickers V- 104 C , DIN:51524 Part 1(H&HL),US Steel 126

Typical Specifications:

Sr. No.	Characteristics	Test Methods	32	46	68	100
Product Code			IND/20	IND/21	IND/22	IND/23
1	Appearance	Visual	Clear Liquid	Clear Liquid	Clear Liquid	Clear Liquid
2	Colour, Max	ASTM D 1500	0.5	0.5	0.5	0.5
3	Kinematic Viscosity at 40 °C, cSt	ASTM D 445	29-35	41-50	61-75	90-110
4	Viscosity Index , Min	ASTM D 2270	100	100	110	110
5	Flash point, °C Min	ASTM D 92	180	190	200	210
6	Pour point, °C Max	ASTM D 97	-12	-15	-18	-21
7	Copper strip corrosion at 100°C for 3 Hrs.	ASTM D 130	1A	1A	1A	1A

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.
MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.

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