

MAXIFLUID HV - Series

DESCRIPTION:

Range of multigrade hydraulic fluids, formulated with highly refined mineral bases and especially selected additives.

PROPERTIES AND ADVANTAGES:

- ✓ Excellent viscosity index, over 160, providing a low variation in viscosity when there is temperature variation.
- ✓ High multigrade character.
- ✓ Excellent resistance to oxidation, ensuring a minimum of 2000 hours in service.
- ✓ Great anti-oxidation and anti-wear protection of the lubricated elements.
- ✓ Excellent de-emulsion and deaeration.
- ✓ Minimum formation of varnishes, maintaining the interior of the circuits and the lubricated elements in an optimum state of cleanliness.
- ✓ Excellent filterability.
- ✓ Compatible with commonly used gaskets and seals.

APPLICATIONS:

- ✓ Hydraulic circuits (oleo-kinetic and oleodynamic), hydraulic pulleys, etc...
- ✓ Heavy Equipment and Mining.
- ✓ Presses and hydraulic systems in heavy equipment.
- ✓ Hydraulic lifts.
- ✓ Hydraulic systems submitted to notable temperature variations.

SPECIFICATIONS / QUALITY LEVEL:

DIN 51524 Part 2 and 3 (HLP/HVLP)	ISO 11158 (HR / HV)
AFNOR NF E 48-603 HM / HV	ISO 6743/4 (HR / HV)
EATON VICKERS M-2952-S / EATON VICKERS I-286-S3	SEB 181222
CINCINNATI MACHINE P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)	CASE IH MS 1216
MASSEY FERGUSON M 1116	NH 632 / 646 / 668
DENISON HF-0, HF-1, HF-2	

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE		
ISO Grade	ISO 3448	32	46	68
SAE Grade	SAE J300	5W20	10W20	10W30
Viscosity at 40°C (cSt)	ASTM D-445	29 - 35	42-50	62-74
Viscosity at 100°C (cSt)	ASTM D-445	6-7	8-9	10 - 12
Viscosity index, min.	ASTM D-2270	160	160	160
Density at 15°C, typical (kg/l)	ASTM D-1298	0,865	0,870	0,880
Pour Point (°C)	ASTM D-97	<-35	<-30	< - 25
Flash Point C.O.C. (°C)	ASTM D-92	>170	>190	> 210
Copper corrosion (3h, 100°C)	ASTM D-130	1b	1b	1b
FZG, Stage	DIN 51354/2	12	12	12
Air release, minutes, max.	DIN 51381	5	10	10

PACKAGING:

20L jerry can, 200L drum and 1000L IBC.