

MAXIFLUID HVLP-D – Series

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DESCRIPTION:

A range of high quality micro-filtered hydraulic fluids with a high detergent capacity, specially formulated to work in systems that operate at high hydraulic pressures.

PROPERTIES & ADVANTAGES:

- ✓ Excellent detergent capacity, keeping circuits in perfect clean conditions.
- ✓ High anticorrosive ability, particularly for systems where there may be a risk of corrosion caused by excessive humidity.
- ✓ Emulsifying capacity, allowing the absorption of water from condensation or external contamination, providing a higher degree of protection.
- ✓ Excellent resistance to oxidation and helps fight aging.
- ✓ Great antioxidant and anti-wear protection of lubricated elements.
- ✓ Great deaeration capacity.
- ✓ Excellent antifoaming power.
- ✓ Excellent filtration ability
- ✓ Highly compatible with various gaskets and seals.
- ✓ Excellent viscosity index, higher than 140, providing a reduced viscosity variation against temperature changes.
- ✓ Miscible with other oils of the same type.

APPLICATIONS:

- ✓ Hydraulic (oleokinetic and oleodynamic) circuits subjected to high pressure and water contamination.
- ✓ Hydraulic circuits of machine tools, where there may be contamination with water-based cutting fluids.
- ✓ Hydraulic systems and controls, presses, cranes, pens, etc.
- ✓ Hydraulic transmissions
- ✓ Hydraulic couplings.

SPECIFICATIONS / QUALITY LEVEL:

DIN 51524 / 2-3 HVLPD	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-69, P-70	DENISON HF-0, HF-1, HF-2
MAN N 698-H-LPD	

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE	
ISO Grade	ISO 3448	46	68
Viscosity at 40 °C (cSt)	ASTM D-445	42 – 50	62 – 74
Viscosity at 100 °C (cSt)	ASTM D-445	7.5 – 8.5	9.5 – 11.0
Viscosity index, min	ASTM D-2270	140	140
Density at 15 °C, Typical (kg/l)	ASTM D-1298	0.870	0.880
Pour point (°C)	ASTM D-97	< -25	< -20
Flash point (°C)	ASTM D-92	> 210	> 220
Copper corrosion (3h, 100 °C)	ASTM D-130	1b	1b
FZG, Stage	DIN 51354/2	12	12
Air release, minutes, max	DIN 51381	5	10
Cleanliness level	ISO 4406/87	16/14/11	16/14/11

PACKAGING:

200L drum