

MAXIFLUID POC-55

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DESCRIPTION:

A high-quality hydraulic fluid with a high viscosity index, especially designed for equipment operating in harsh conditions, with high demands, and difficult environmental conditions with wide temperature variation.

PROPERTIES & ADVANTAGES:

- ✓ Excellent viscosity index, providing reduction variation in viscosity when faced with temperature changes.
- ✓ Excellent resistance to oxidation.
- ✓ High anti-oxidant and anti-wear protection of the lubricated elements. Anti-wear protection boosted compared to other hydraulic fluids.
- ✓ Stability at high operational pressures.
- ✓ Good anti-foaming and water-resistant properties.
- ✓ Excellent deemulsification and deaeration.
- ✓ Minimal varnish formation, maintaining the cleanliness of the interior of the circuits and lubricated elements in an optimal state.
- ✓ Excellent filterability
- ✓ Compatible with commonly-used joints and seals.

APPLICATIONS:

- ✓ Especially recommended for hydraulic systems in Civil Works and Mining machinery, where the quality level **POCLAIN P10032-79V** is required.
- ✓ Civil Works and earth moving machinery.
- ✓ Agricultural machinery.
- ✓ Hydraulic presses and circuits of heavy machinery.
- ✓ Torque converters.
- ✓ Lifting systems.
- ✓ Hydraulic systems subjected to significant variation in temperature.

SPECIFICATIONS / QUALITY LEVEL:

DIN 51524 / 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-S	SEB 181222
CINCINNATI MACHINE P-70 (ISO 46)	CASE IH MS 1230
MASSEY FERGUSON M 1116	POCLAIN P10032-79V

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TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
ISO grade	ISO 3448	46
Color	Visual	Greenish blue
Viscosity at 40 °C (cSt)	ASTM D-445	48 – 50
Viscosity at 100 °C (cSt)	ASTM D-445	8.7
Viscosity index, min.	ASTM D-2270	150
Density at 20 °C, typical (kg/l)	ASTM D-1298	0.875
Pour point (°C)	ASTM D-97	-36
Flash point COC (°C)	ASTM D-92	195
Copper corrosion (3h, 100°C)	ASTM D-130	1b
FZG, Stage	DIN 51354/2	12
Deaeration at 50 °C, max. (min.)	ASTM D-3427	7
Aniline point, min. (°C)	ASTM D-611	95
Foam formation 5', (seq. I, II, III), max. (ml)	ASTM D-892	30/30/30

PACKAGING:

20L jerrycan, 200L drum and 1000L IBC containers.