



MAJESTIC | Hydraulic Oils

Product Description

MAJESTIC HYDRAULIC OILS are formulated with selected Group II paraffinic base oils. They provide outstanding anti wear protection, oxidation and corrosion inhibition.

Available in three ISO viscosities¹ commonly used for hydraulics with vane, piston and gear type pumps

Industry and OEM Specifications

- Parker Denison HF-0 (HF-1 and HF-2 are included under the HF-0 designation)
- Eaton Vickers E-FDGN-TB002-E (this specification supersedes I-286-S and M-2950-S)
- GM Lubricant Standard LH-03-1-11, LH-04-1-11, LH-06-1-11
- Racine, variable volume pump
- FIVES (formerly MAG, formerly Cincinnati Milacron) P-68, P-69, P-70
- B.F. Goodrich 0152
- Lee-Norse 100-1, Bosch Rexroth RD/RE 90220-1
- Toshiba Machinery
- Afnor E-48-603
- ISO 11158, ASTM D6158-05, DIN 51524-2

Features

- Fast air release and great foam inhibition minimizes pump cavitation in systems with high circulation rates
- Good water separation (demulsibility) that facilitates water removal
- Outstanding thermal and oxidation stability that reduces the formation of deposits in reservoirs
- Provides excellent wear protection
- Minimum viscosity change over a wide temperature range

The product described above is designed for a specific use and may not be valid for other uses not specified in our specification sheet or in applications not requiring this specific product. Pinnacle Oil believes the information presented in this specification is accurate at the time written and is based upon internally generated information and information as presented by its vendors. No representation, warranty, or guarantee is made as to its accuracy or completeness. We do not accept any liability for any loss or damage that may occur from the use of this information.



Technical Data

(typical values)

ISO GRADE		32	46	68
Product Number		07-392032	07-392046	07-392068
SDS Number		S024	S024	S024
Viscosity @ 40°C, cSt	D445	29.79	46.07	63.62
Viscosity @ 100°C, cSt	D445	5.54	7.05	8.57
Viscosity Index	D2770	125	111	106
Specific Gravity @ 60°F	D4052	0.8518	0.8554	0.8688
Pour Point, °C	D5950	-45	-42	-33
Color ASTM	D1500	L1.0	L1.0	L1.5
Demulsibility	D1401	38-39-3 (10 min)	40-38-2 (10 min)	40-37-3 (10 min)
Copper Corrosion	D130	1b	1b	1b
Breakdown voltage, kV ²	D877	34.6	33.4	35.8
Foam characteristics	D892	PASS	PASS	PASS
Oxidation Life, hrs. to TAN = 2.0, minimum	D943	5,000	4,500	4,000
Total Acid Number, mg KOH/g	D664	0.602	0.511	0.56

- 1) Consult your owner's manual regarding its suitability for use in equipment from other OEMs. These hydraulics perform in most equipment without concern for fluid-related harm.
- 2) Breakdown Voltage (Dielectric strength) values were measured at point of origin and they will decrease if the oil becomes contaminated with dirt or even a very small amount of water. According to the Megger guide to insulating oil dielectric breakdown testing, a breakdown voltage of 30 kV or more is usually considered to be acceptable.

The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers.

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