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TECHNEWS

MULTI-PURPOSE HYDRAULIC OIL

Premium quality oils for use in most hydraulic systems, circulating systems, air compressors, and some enclosed gear cases.

FEATURES

Formulation: Marathon Multi-Purpose Hydraulic Oils are formulated with high VI basestocks and an additive package that provides protection against rust, oxidation, corrosion, foaming and wear.

ISO Grades: Available in four commonly used ISO grades: 32, 46, 68 and 100.

Approved Product: Approved by Vickers and Denison for HF0, HF1, HF2. Approved by Cincinnati Milacron for P-68 (ISO 32), P-70 (ISO 46), and P-69 (ISO 68).

Turbine Oil Quality: Exceed 2,000 hours in the ASTM D-943 steam turbine oxidation test.

Anti-Wear Protection: Contain a zinc compound that minimizes wear of hydraulic system components.

Demulsibility: Marathon Multi-Purpose Hydraulic Oils promote fast separation of water in sumps for easy drain-off.

BENEFITS

Multiple Applications: Marathon Multi-Purpose Hydraulic Oils are recommended for use in hydraulic systems with vane, gear, screw and radial pumps. Other applications include air compressors, circulating systems and enclosed gear cases.

Minimize Misapplication Problems The multiple application capability of these oils minimizes the possibility of misapplication problems that can occur when more than one quality level of oil is available.

AVAILABILITY

- Bulk Transport
- 55 Gallon Drum
- 5 Gallon Pail
- 1 Gallon Jug (ISO 32 only)

TYPICAL PROPERTIES				
	32	46	68	100
Gravity, °API	30.4	30.2	28.3	28.3
Viscosity, cSt@40°C	32.5	46.0	69.8	100.0
	5.2	6.6	8.3	11.2
cSt@100°C				
Viscosity Index	95	95	95	95
Flash Point, COC, °C	457	457	460	410
Pour Point, °C	-30	-30	-25	-15

Caution: Because Marathon Multi-Purpose Hydraulic Oils contain a zinc compound, they **should not** be used in pumps with silver-faced bearing surfaces.