



Premier Hydraulic Oils 32, 46, 68 (>5000 Hrs)

Applications

Premier Hydraulic Oils are most commonly used for hydraulics with vane-, piston, or gear-type pumps, especially where pressures exceed 1000 psi. They can also be used to lubricate lightly loaded reciprocating compressors and as general-purpose shop lubricants for motors and bearings.

Premier Hydraulic Oils 32, 46, and 68 meet all major pump manufacturer requirements including:

- **Bosch Rexroth** Racine Model S
- **Eaton-Vickers** 35VQ-25A for M-2950-S (Mobile) and I-286-S (Stationary),
- **Parker Hannifin (Denison)** HF0/HF2/T6H20C

Premier Hydraulic Oils meet MAG Cincinnati. Cincinnati Machine specifications P-68 (32), P-70 (46), P-69 (68).

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Typical Properties

ISO Grade	32	46	68
<i>CPS Number</i>	1156	1157	1158
<i>MSDS Number</i>	11318	11318	11318
Density	0.86	0.87	0.88
Viscosity, Kinematic cSt at 40°C cSt at 100°C	30.4 5.2	43.7 6.5	64.6 8.4
Viscosity Index	98	98	99
Flash Point, °C(°F)	220(428)	226(439)	235(455)
Pour Point, °C(°F)	-25(-13)	-23(-9)	-22(-8)
Oxidation Stability, Hours to 2.0 mg KOH/g acid number, ASTM D943	> 5000	> 5000	> 5000

Minor variations in product typical test data are to be expected in normal manufacturing.

Product(s) manufactured in the USA. Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

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