



Innovation in Metalworking Fluids



Lube Rite Industrial Fluids

Hydraulic Fluids

Description

The Lube Rite line of hydraulic fluids is specially designed to provide the optimum performance requirements to ensure that your hydraulic application is running as effectively and efficiently as possible. Each fluid is formulated with high performance technology to ensure your operation is free from corrosion and staining, provides maximum wear protection, and offers excellent oxidation and thermal stability.

Features and Benefits

Features	Benefits
Excellent wear protection, thermal and oxidation stability, and protection against rust and staining	Providing a longer, more reliable fluid life; extending drain intervals and lowering overall fluid costs
Anti-foaming	Ensures fluid operation is smooth and efficient
Easily filtered, water-rejecting	Water will impact the viscosity of the fluid and solids can cause excess wear and tear on the pump. Both contaminants will decrease fluid pressure making each pump work harder to transfer the same amount of energy. Removing these will ensure efficient operation.

Performance Specifications

- Cincinnati Machine Tool P68 (ISO 32), P-70 (ISO 46), and P-69 (ISO 68)
- US Steel 127, 136
- DIN 51524 Part II
- Denison HF-0, HF-2
- Eaton/Vickers I-286S
- Eaton/Vickers M-2950-S

Consult product SDS for complete product safety information.



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Typical Properties

<i>Lube Rite Hydraulic</i>	32	46	68
<i>ISO Grade</i>	32	46	68
<i>Viscosity, cSt at 40 °C</i>	32	46	68
<i>Viscosity, cSt at 100 °C</i>	5.72	7.29	9.35
<i>Specific Gravity at 15.6 °C</i>	0.875	0.879	0.886
<i>Viscosity Index</i>	120	120	113
<i>Flash Point, °F</i>	420	440	460
<i>Pour Point, °C</i>	-30	-28	-20
<i>Rust Test D665 A and B</i>	Pass	Pass	Pass
<i>Copper Corrosion, ASTM D130</i>	1A	1A	1A
<i>Oxidation Stability D943, Hrs</i>	6,000+	5,500+	4,500+

Directions for Use and Fluid Selection

Lube Rite Hydraulic fluids are used as received. There are three major pump designs and each type must be treated on a case-by-case basis. Devising a step by step check to determine optimum viscosity range will ensure you are running efficiently and effectively. Be sure to consult with the pump manufacturer to collect design limitations and optimum operating characteristics, including optimum viscosity range. Measuring actual operating temperatures is also important. Diligently evaluating your operation and environment will ensure you are choosing the best fluid for your application.

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