



Rozep Advanced Hydraulic

High Pressure EP Hydraulic Oil Extended Service

Rozep Advanced Hydraulic Fluid are superior anti-wear hydraulic oils developed to meet Caterpillar Hydo 10 as well as other HD equipment manufactures specification. These oils are made from the finest quality base stocks and are fortified with high performance additives, formulated for extended service and to enhance their capability. Engineered with an advanced additive package, these oils are designed for superior performance in reciprocating compressors subjected to sour, wet and high-pressure gasses. They are recommended for use in high-pressure hydraulic systems which utilize vane, piston or gear pumps. Their superior oxidation resistance enables extended oil drain intervals with significant reduction in sludge, varnish and carbon deposits on internal parts, pumps and other internal components.

Rozep Advanced Hydraulic Fluid considerably reduces the necessity of cleaning and other maintenance, providing excellent protection against wear, as well as increase productivity and excellent filtration characteristics. They have outstanding demulsification properties to help prevent water from deteriorating internal components.

Performance Features:

- Superior additive package with excellent anti-wear protection.
- High performance additive system with anti-oxidant and anti-foam agents, rust and corrosion inhibitors.
- Excellent protection against fluid deterioration with superb base oils and additive performance.
- High resistance to foaming and excellent air release.
- Protects metal surfaces from the damaging effects of entrained water.
- Protects against the corrosive effects of hydrogen-sulfide and other sour gas components.
- Allows quick release of entrained gasses.

Customer Benefits:

- Extended service 16-20,000 hrs TOST.
- Exceeds performance requirements for manufacturers' pump specifications.
- Provides superior protection against varnishing, rust and excessive wear while extending equipment life and lowering maintenance costs.
- Less maintenance and longer life of equipment and lower repair costs.
- Prevents pump cavitations, noisy and erratic operation providing more efficient operations.
- Increased H2S protection as well as entrained water

Royal Rozep Advanced Hydraulic Fluid	Meets or exceeds specifications
Caterpillar Hydo 10,20,30	✓
Denison HF-0	✓
Eaton/Vickers M2950-S And I-286-S	✓
Cincinnati Machine P-68	✓
General Motors LS-2, LH-02, LH-04, LH-06	✓
JCMAS HK	✓
DIN 51524 part 2	✓
U.S. Steel 127	✓

Typical Properties

Rozep Advanced Hydraulics

Product Number	307H	308H	308J	Test Method
ISO Grade	46	68	100	-
API	31.14	30.60	29.99	-
Specific Gravity	0.87002	0.87293	0.87619	ASTM 4052
Lbs./Gal	7.246	7.270	7.297	-
Density	0.86953	0.87244	0.87570	-
Flash Point °C	222	238	256	ASTM D92
Pour Point °C	-24	-24	-24	ASTM D97
Color	<1.5	<1.5	<1.5	ASTM D1500
Viscosity@ 100°C cSt	6.595	8.37	11.03	ASTM D445
Viscosity@ 40°C cSt	43.18	63.01	97.90	ASTM D445
Viscosity Index (VI)	104	102	97	ASTM D2270

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information container herein is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. www.royalmfg.com or call (918)-584-2671.

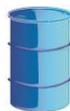
Packaging Options:



1 Gal Jugs



5 Gal Pails



55 Gal Drums



275/330 Gal Totes



>2000 Gal Bulk

