



# Product Data Sheet



## Rozep AW Hydraulic 20K

### High Pressure EP Hydraulic Oil Extended Service

**Rozep AW Hydraulic 20K** are superior anti-wear hydraulic oils formulated for extended service from the finest high quality base stocks and are further fortified with high performance additives to enhance their capability. They are recommended for use in high-pressure hydraulic systems which utilize vane, piston or gear pumps in addition to rust and oxidation inhibited oils providing excellent performance. 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 AW Hydraulic oils** considerably reduce the necessity of cleaning and other maintenance, provide excellent protection against wear, as well as increase productivity and provide excellent filtration characteristics. They have excellent demulsification ability to prevent water deteriorating internal components.

#### Performance Features:

- Superior additive package with excellent anti-wear protection.
- High performance additive system with anti-oxidant, anti-foam agents, rust and corrosion inhibitors.
- Excellent protection against fluid deterioration with high base oil 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.

Rozep AW Hydraulic 20K	Meets or exceeds specifications
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	✓

#### Customer Benefits:

- Extended service 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.





## Typical Properties

### Rozep AW Hydraulic 20K

Product Number	306	307	308	Test Method
ISO Grade	32	46	68	-
API	32.87	31.97	31.08	-
Specific Gravity	0.86086	0.86563	0.87032	ASTM D4052
Lbs/Gal	7.169	7.209	7.248	-
Density	0.86038	0.86514	0.8698	-
Flash Point °C	206	217	227	ASTM D92
Pour Point °C	-27	-24	-24	ASTM D97
Color	<1.0	<1.0	<1.0	ASTM D1500
<b>Viscosity</b>				
@100°C cSt	5.69	7.16	9.11	ASTM D445
@40°C cSt	33.53	47.97	70	
Viscosity Index	109	108	104	ASTM D2270
TOST hours	20000	20000	20000	-

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 contained 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 Safety Data Sheet (SDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671.

#### Packaging Options:



5 Gal Pails



55 Gal Drums



275/330 Gal Totes



>2000 Gal Bulk