

PRODUCT DATA SHEET

Rozep AW Hydraulic Oils **High Pressure EP Hydraulic Oil**



PRODUCT DESCRIPTION:

Rozep AW Hydraulic Oils are premium anti-wear EP hydraulic oils formulated from the finest high quality base stocks and are further fortified with high performance additives to enhance their capability. Engineered with a superior additive package, they are designed specifically for use in reciprocating compressors subjected to sour, wet, high-pressure gasses.

Their superior oxidation resistance enables extended oil drain intervals, with significantly reduced 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 from deteriorating internal components.

Rozep AW Hydraulic Oils meet the performance requirements of Hagglands-Denison, Trinova Vickers, Cincinnati Milacron, Lee Norse, Jeffery and others.

KEY FEATURES:

- 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:

- Increased H₂S protection
- Protection against entrained water

APPLICATIONS:

They are recommended for use in high pressure hydraulic systems which utilize vane, piston or gear pumps in addition are rust and oxidation(R&O) inhibited oils providing excellent performance in hydraulic systems, compressors applications where long lubricant service life is required and other applications where a high quality anti-wear type oil is required.

PACKAGING:

Totes and Drums

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Typical Properties

Rozep AW Hydraulic Oils

Product Number	225	226	227	228	229	230	231	232	233	Test Method
SAE Grade	22	32	46	68	100	150	220	320	460	-
API	33.03	32.32	30.79	30.27	30.17	29.44	28.07	27.54	27.04	
Specific Gravity	0.86	0.86376	0.87188	0.87469	0.87523	0.87924	0.88675	0.88973	0.89251	ASTM 4052
Lbs/Gal	7.162	7.193	7.261	7.284	7.289	7.322	7.385	7.41	7.433	
Density	0.85954	0.86328	0.87139	0.8742	0.87474	0.87874	0.88625	0.88923	0.89201	
Flash Point °C	194	211	222	230	236	250	271	282	292	ASTM D92
Pour Point °C	-24	-21	-21	-21	-21	-18	-9	-6	-9	ASTM D97
Color	<1.0	<1.0	<1.5	<1.0	<1.0	<2.0	<3.0	<3.0	<3.0	ASTM D1500
Viscosity@100°C cSt	4.189	5.388	6.645	8.646	11.25	14.72	18.375	24.41	31.55	ASTM D445
Viscosity@40°C cSt	22	32.07	46	68	100.3	149.4	220	321	477	ASTM D445
Viscosity Index (VI)	82	101	97	98	98	97	97	97	97	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.