

Product

Information

QALCO Hydraulic AW Synthetic

Description

QALCO Hydraulic AW synthetic Oils are super performance antiwear hydraulic oils formulated from synthetic base stocks and carefully balanced anti-wear/anti-oxidant additives. Their outstanding shear stability allows their use in high-pressure, high-temperature operating environments for extended periods of time without the loss of critical lubrication characteristics. Because of their chemically stable nature they resist varnish and sludge formation. They are designed to work with systems operating under severe conditions where high levels of anti-wear and film strength protection are needed.

Application

QALCO Hydraulic AW Synthetic can be used in both high and low temperate hydraulic systems for industrial and mobile applications. They are ideally suited for lubrication of gear, vane, and piston pumps. This product can also be used in circulation systems, bearing systems, machine tools and gear cases, which operate over a wide temperature range due to their controlled low-temperature and excellent anti-wear properties.

Typical Characteristics

ISO VG	Spec. Gravity 15.6°C	Kin. Viscosity @40 °C	Pour Point @ 100 °C	Flash Point COC, °C
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68	0.885	68.0	12.75	<-30	>221
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Performance Level

QALCO Hydraulic AW Synthetic meets or exceeds the requirement of the following equipment manufacturer and international standards.

- Denison HF-0, HF-1, HF-2
- FZG Gear Test DIN 51524 Part 3, 51354
- Cincinnati Milacron P-69
- CETOP RP 91H Category HV
- Frank Mohn
- Vickers I-286-S, M-2950-s
- US Steel 127
- I-286-S

Benefits

- Wider temperature range
- Extended service intervals
- Better wear protection
- Excellent corrosion protection
- Reduced foaming
- Reduced system deposits and sludge