



Sheenless AW Hydraulic Oil

ISO 22 - 100

DESCRIPTION

Sheenless AW Hydraulic Oils are premium zinc-free anti-wear hydraulic oil packages that are specifically designed for use in areas where the environment is sensitive to leaks or accidental discharges. Sheenless AW Hydraulic Oils are made from severely hydrocracked base stocks and an ashless additive system that provides protection against rust, oxidation, and wear, and improves foam suppression, demulsibility, and oxidative stability. Zinc-free formulation with severely hydrocracked/synthetic base oils is expected to be non-conductive and have high dielectric strength.

APPLICATIONS

- Stationary and mobile hydraulic vane, piston, and gear type pumps that operate in environmentally sensitive areas.
- Hydraulic machinery on oceanic vessels.
- Industrial applications where pressures may exceed 10,000 psi and which utilize axial piston pumps.

BENEFITS

- Passes the sheen test (40CFR 435 Subpart A Appendix 1).
- Inherently biodegradable.
- Readily separates from water.
- Low volatility.
- Controls carbon and varnish formation.
- High viscosity index.
- Reduces maintenance downtime.

TYPICAL PROPERTIES

TEST PARAMETER	METHOD	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
Density @ 15 °C, lbs/gal	ASTM D4052	6.869	7.017	7.090	7.173	7.194	7.206
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	15.1	22.0	32.3	47.4	68.3	94.0
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	3.5	4.5	5.5	7.4	9.4	12
Viscosity Index	ASTM D2270	110	118	106	117	118	119
Flash Point, °C (°F)	ASTM D92	181 (358)	201 (394)	221 (430)	236 (457)	235 (455)	236 (457)
Pour Point, °C (°F)	ASTM D97	-27(-17)	-24 (-11)	-21 (-6)	-18 (0)	-14 (7)	-10 (14)

The information presented in this data sheet is believed to be accurate and reliable as of the date of publication. However, no guarantee or warranty, express or implied, is made regarding its accuracy, completeness, or fitness for any particular purpose. The data is based on typical laboratory results under controlled conditions and should be used as a general guide only. Users are solely responsible for evaluating the suitability of this product for their specific application and ensuring compliance with all relevant regulations and safety practices. Before use, refer to the latest version of this document and consult the relevant Safety Data Sheet (SDS) for guidance on proper handling, storage, and disposal. Neither the manufacturer nor its affiliates shall be held liable for any loss, injury, or damage resulting from misuse, deviation from recommendations, or risks inherent to the material itself. All products and technical advice are provided subject to our standard terms and conditions of sale. For further assistance, please contact your local representative.