

Product Data Sheet

KORLUBE® HYDRON AW

High Performance Anti-wear Hydraulic Oil

Product Description

KORLUBE® HYDRON AW is a high performance anti-wear hydraulic oil, formulated to provide excellent performance and protection for both high and low pressure, industrial and mobile equipment hydraulic systems.

It has excellent anti-wear properties and oxidation and thermal stability which provides long equipment and oil life reducing both maintenance and product disposal cost.

It is designed to work with systems operating under severe conditions requiring high level of anti-wear protection, but it also can be used to work where general non-anti-wear hydraulic oils are recommended.

Features & Benefits

HIGH PERFORMANCE

- Excellent anti-wear properties and outstanding film strength characteristics result in exceptional equipment performance.
- Outstanding air and water separation characteristics

HIGH PROTECTION

- Excellent anti-wear properties and outstanding film strength characteristics provides higher level of system protection.
- Outstanding air and water separation characteristics helps to protect system.

LONG SYSTEM LIFE

- Excellent oxidation stability helps to extend system life.
- Excellent anti-wear properties helps to extend system life.
- Outstanding rust and corrosion protection help to extend system life.

LONG OIL & FILTER LIFE

- Excellent oxidation stability helps to extend oil and filter life.

Applications

- All hydraulic systems
- Specially recommended for the systems with heavy load and high wear
- Enclosed gears operating under moderate load
- Industrial circulating systems requiring rust and oxidation Inhibitor or anti-wear oil

Specifications

KORLUBE® HYDRON AW meets or exceeds the requirements of the following specifications :

	32	46	68	100	150
Parker Denison HF-0	√	√	√	√	√
Eaton Brochure 03-401-2010	√	√	√	√	√
DIN 51524 PART 1, 2, 3	√	√	√	√	√
GM LS-2	√	√	√	√	√
Fives Cincinnati P-68	√	√	√	√	√
JCMAS HK	√	√	√	√	√
U.S. Steel 127	√	√	√	√	√
U.S. Steel 136	√	√	√	√	√
ISO 11158	√	√	√	√	√
SAE MS1004	√	√	√	√	√
Chinese Standard GB 11118.1	√	√	√	√	√

Typical Properties

	32	46	68	100	150
ISO	32	46	68	100	150
Viscosity @100°C, cSt	5.55	7.15	9	11.8	15.6
Viscosity @40°C, cSt	32	46	68	100	150
Viscosity Index	111	115	107	107	107
Flash Point, °C	222	230	236	246	260
Pour Point, °C	- 35	- 35	- 30	- 27.5	- 25
Density @15°C, g/cm3	0.860	0.865	0.872	0.878	0.882
Copper Corrosion, 3hr. @100°C	1a	1a	1a	1a	1a
Rust Prevention, ASTM D 665	Pass	Pass	Pass	Pass	Pass

Health & Safety

This product is not expected to produce adverse effect on health when used for the intended application and recommendations. Do not use for the purpose other than its intended application. When disposing of used product, please take care to protect the environment.