

DRYDENE AW HYDRAULIC FLUIDS

ISO GRADE ANTI-WEAR HYDRAULIC



PRODUCT DESCRIPTION

DRYDENE AW HYDRAULIC FLUIDS are long-life blends of highly refined base stocks and premium additives formulated to provide excellent protection against wear and oxidation over a wide range of pumps, motors and wide range of hydraulic systems.

PRODUCT APPLICATION

DRYDENE AW HYDRAULIC FLUIDS are recommended for use in the following applications:

- Piston, vane and gear pumps.
- Industrial hydraulic systems and related components.
- Mobile equipment including cranes, excavators and mining implements.
- Industrial gear and bearing sets requiring rust and oxidation inhibited fluids.
- Marine applications where ISO HM category fluids are recommended.



FEATURES AND BENEFITS

DRYDENE AW HYDRAULIC FLUIDS provide excellent performance across a wide range of applications and temperature ranges:

- Premium anti-wear additives provide maximum protection to heavily-loaded surfaces helping to extend equipment life.
- Minimal viscosity change in both low and high temperature applications.
- Rapid water separation which helps minimize the effects of rust and corrosion.
- Fortified with anti-foaming agents to reduce air entrainment which also aids in water separation.
- Extended service life (5000 hour TOST) reduces unit maintenance costs.



SPECIFICATIONS

- **ASTM** D6158
- **Bosch Rexroth**
- **Cincinnati/MAG IAS** P-68 (AW 32), P-70 (AW 46), P-69 (AW 68)
- **DIN** 51524, Part 1, 2, 3
- **Eaton** E-FDGN-TB002-E, 35VQ25A
- **General Motors** LS-2
- **JCMAS** HK
- **Parker Denison** HF-0, HF-1, HF-2
- **Racine**
- **Sperry Vickers/Eaton** I-286-S, M-2950-S
- **US Steel** 127, 136

Other applicable uses may exist. Please contact Drydene Performance Products, Inc. for more information.

rev Aug 2018



DRYDENE AW HYDRAULIC FLUIDS

ISO GRADE ANTI-WEAR HYDRAULIC

**TYPICAL TECHNICAL PROPERTIES**

PROPERTY	TEST METHOD	ISO AW 32	ISO AW 46	ISO AW 68
Gravity, °API	ASTM D287	32.43	31.48	30.72
Specific Gravity, @ 60°F	ASTM D4052	0.8632	0.8690	0.8720
Flash Point, °C	ASTM D92	223	226	228
Viscosity @ 40°C, cSt	ASTM D445	32.09	45.62	69.20
Viscosity @ 100°C, cSt	ASTM D445	5.57	6.97	8.96
Viscosity Index	D2270	114	110	105
Pour Point, °C	ASTM D5950	-38	-34	-31
Oxidation Hours	ASTM D943	5000	5000	5000
Color	ASTMD1500	0.5	0.5	0.5
Zinc, wt. %	ASTM D5185	0.042	0.042	0.042
Phosphorus, wt. %	ASTM D5185	0.03	0.03	0.03
Sulfur, wt. %	ASTM D4951	0.07	0.07	0.07

All stated physical properties are typical of standard production and may vary.

HEALTH AND SAFETY

This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur.

For a copy of this product's Safety Data Sheet (SDS), contact Drydene Performance Products, Inc. at 1-877-DRYDENE.

DISCLAIMER

Always follow OEM recommendations for fluid viscosity and API service category. Drydene Performance Products, Inc assumes no responsibility for product misuse or improper application.

DRYDENE PERFORMANCE PRODUCTS, INC.

305 Micro Drive
 Jonestown, PA 17038
 1-877-DRYDENE
 www.drydene.com

rev Aug 2018

