

DRYDENE AW HYDRAULIC FLUIDS

ISO 32, 46, 68



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**
- **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 for more information.

rev Aug 2017



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ISO GRADE ANTI-WEAR HYDRAULIC FLUID

PAGE 1 OF 2

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**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	1.0	1.0	1.0
Zinc, wt. %	ASTM D5185	0.042	0.042	0.042
Phosphorus, wt. %	ASTM D5185	0.034	0.034	0.034
Sulfur, wt. %	ASTM D4951	0.071	0.070	0.070

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

DON'T GO THE EXTRA MILE, GO THE EXTRA THOUSAND

Over the past 100 years, we've crushed rocks, built highways, toiled in fields and hauled more cargo than you can imagine. We have no plans of stopping anytime soon, and neither do you.

DRYDENE stands for integrity, quality and loyalty. Our company has over a century of heritage to back it up. We deliver high-quality lubricants that exceed expectations and set higher industry standards overall, because your lubricants should stand the test of time.

All DRYDENE heavy-duty and passenger car engine oils, hydraulic fluids, transmission and gear oils, greases as well as our extensive lineup of industrial and specialty fluids are formulated to be as rigorous as the work that needs to be done.

DRYDENE Performance Products
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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 at 1-877-DRYDENE.

DISCLAIMER

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

rev Aug 2017

