

DRYDENE MULTI-VISCOSITY HYDRAULIC FLUID

ISO 46



PRODUCT DESCRIPTION

DRYDENE MULTI-VISCOSITY AW 46 is a premium anti-wear hydraulic fluid designed to perform over a wide range of temperatures in hydraulic systems for both mobile and stationary equipment. It is well-suited for use in both low and high temperature environments.

PRODUCT APPLICATION

DRYDENE MULTI-VISCOSITY AW 46 is recommended for use in piston, vane or gear-type hydraulic pumps in industrial, mobile and other types of heavy-duty equipment.

- May be used to replace single viscosity hydraulic fluids where improved performance is preferred.
- High viscosity index and low pour point are ideal for both extremely low and high temperature settings.
- Suitable for use as a general purpose fluid where standard R&O or straight mineral oils are recommended.



FEATURES AND BENEFITS

DRYDENE MULTI-VISCOSITY AW 46 delivers extended performance and protection to critical components using modern base oil and additive chemistry to achieve smooth and efficient operation:

- Multi-viscosity formulation reduces seasonal fluid changes based on temperature conditions.
- High viscosity index helps maintain consistent viscosity over a broad range of operating temperatures.
- Enhanced additive package bolsters oxidation resistance and metal-to-metal wear minimization
- Foam reducers allow for complete lubrication and smooth performance throughout the operating system.
- Low pour point exceeds those of most standard, single viscosity hydraulic fluids, making **DRYDENE MULTI-VISCOSITY AW 46** an ideal choice for low temperature applications



SPECIFICATIONS AND APPROVALS

- **Bosch Rexroth**
- **DIN 51524**, Part 1,2,3
- **General Motors** LS-2
- **JCMAS** HK
- **Parker Denison** HF-0, HF-1, HF-2
- **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 Feb 2018



DRYDENE MULTI-VISCOSITY HYDRAULIC FLUID

ISO 46

**TYPICAL TECHNICAL PROPERTIES**

PROPERTY	TEST METHOD	ISO AW 46
Gravity, API	ASTM D287	33.08
Specific Gravity @ 60 F (15.6 C)	ASTM D4052	0.8596
Viscosity @ 100 C	ASTM D445	7.91
Viscosity @ 40 C	ASTM D445	44.88
Viscosity Index	ASTM D2270	147
Oxidation Hours	ASTM D943	5000
Color	ASTM D1500	0.5
Pour Point C	ASTM D5950	-41
Phosphorus, wt%	ASTM D5185	0.035
Sulfur, wt%	ASTM D4951	0.072
Zinc, wt%	ASTM D5185	0.042

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
Toll-free: 1-877-DRYDENE
info@drydenelubricants.com
www.drydenelubricants.com

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 Feb 2018

