

# 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, Inc. for more information.

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**TYPICAL TECHNICAL PROPERTIES**

PROPERTY	TEST METHOD	ISO 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.

**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.**

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