



PRODUCT DATA SHEET

DRYDENE RADIUS® MV 46 HYDRAULIC FLUID

MULTI-VISCOSITY HYDRAULIC FLUID



PRODUCT DESCRIPTION

DRYDENE RADIUS® MV 46 is a premium multi-viscosity 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 RADIUS MV 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
- Low pour point exceeds those of most standard, single viscosity hydraulic fluids, making DRYDENE RADIUS® MV 46 an ideal choice for low temperature applications

SPECIFICATIONS

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

FEATURES AND BENEFITS

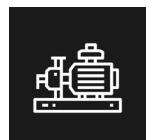
DRYDENE RADIUS MV 46 delivers extended performance and protection to critical components using modern base oil and additive chemistry to achieve smooth and efficient operation:

- 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
- High shear stability to protect against viscosity loss and fluid thinning during operation
- Superb water separation for protecting equipment operating in harsh environments



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 46
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/°F	ASTM D5950	-41/-42
Zinc, wt%	ASTM D5185	0.042



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. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (0422-01)



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