



PRODUCT DATA SHEET

DRYDENE RADIAS® AW HYDRAULIC SERIES

ISO GRADE ANTI-WEAR HYDRAULIC FLUID



PRODUCT DESCRIPTION

DRYDENE RADIAS® 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 RADIAS 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 lifts, cranes, excavators and mining implements
- Industrial gear and bearing sets requiring rust and oxidation inhibited fluids

SPECIFICATIONS

ASTM D6158
 Bosch Rexroth
 Cincinnati Machine 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

FEATURES AND BENEFITS

DRYDENE RADIAS 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 (5,000 hour TOST) reduces unit maintenance costs
- Helps reduce sludge formation to promote better system cleanliness



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
Viscosity @ 40°C (cSt)	ASTM D445	22.7	30.4	42.7	62.7	98.7
Viscosity @ 100°C (cSt)	ASTM D445	4.5	5.3	6.6	8.4	11.3
Viscosity Index	ASTM D2270	111	106	106	104	104
Oxidation Hours	ASTM D943	4000	5000	5000	5000	5000
Pour Point, °C/°F	ASTM D5950	-45/-49	-36/-33	-33/-27	-30/-22	-30/-22
Rust Test	ASTM D665A	Pass	Pass	Pass	Pass	Pass
Color	ASTM D1500	0.5	0.5	0.5	1.0	1.0

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 (0322-01)



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