



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 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

AIST (US Steel) 126, 127 (ISO 32, 46, 68)  
ASTM D6158 (Type HM)  
Bosch Rexroth RE 90220  
Cincinnati Milacron P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO 68)  
DIN 51524 Part 2 (HLP)  
Eaton-Vickers I-286-S, M-2950-S, 35VQ25A (ISO 32, 46, 68)  
General Motors LS-2  
JCMAS HK (ISO 32, 46)  
Parker Denison HF-0, HF-1, HF-2 (ISO 32, 46, 68)  
Racine

## 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

Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For recommendations on safe handling of this product, refer to the Safety Data Sheet (SDS) at <https://www.drydene.com/pds-sds-sheets>. (Rev 1224-01)



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