



## PRODUCT DESCRIPTION

**DRYDENE RADIAS® S** oils are rust and oxidation (R&O) inhibited hydraulic fluids designed for industrial circulating systems, hydraulic systems and lightly-loaded gear systems that do not operate under extreme pressure. The ashless additive system provides reliable protection against rust, corrosion, deposit formation and wear without the use of traditional heavy metals.

## PRODUCT APPLICATION

**DRYDENE RADIAS S** fluids are recommended for use a wide range of industrial applications and meet the requirements of most major pump and machine tool manufacturers:

- Circulating systems
- Vane and rotary compressors
- Vacuum pumps
- Centrifugal air compressors
- Electric motor bearings
- Non-EP bearings (plain, rolling element)
- Pneumatic air tools



## FEATURES AND BENEFITS

**DRYDENE RADIAS S** is formulated to deliver excellent thermal and oxidative stability which promotes the reduction of sludge and other harmful contaminants.

It provides exceptional protection to bearings and circulating systems against rust formation, air entrainment and foaming.

Carefully selected zinc-free additives and base oils ensure outstanding demulsibility and allow the fluid to purge water rapidly which guard critical systems from corrosion-accelerated wear.

Radias S fluids provide long service life and are more easily reclaimed after use due its ashless additive system.

## SPECIFICATIONS

AGMA 9005-EOR-RO (non-EP)  
 Cincinnati Milicron P-57 (ISO 150)  
 DIN 51524-1  
 ISO 11158 HL (ISO 150)  
 Parker Denison HF-0



## TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 150	ISO 220	ISO 320	ISO 460
Viscosity @ 40°C, cSt	ASTM D445	150.2	219.8	320.3	459.2
Viscosity @ 100°C, cSt	ASTM D445	15.4	19.3	23.9	30.8
Viscosity Index	ASTM D2270	104	99	95	97
Demulsibility	ASTM D1401	15	15	20	20
Oxidation Stability: TOST	ASTM D943	5000	5000	4000	4000
Oxidation Stability: RPVOT	ASTM D2272	1150	1150	1000	650
Rust Test	ASTM D665 A&B	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D130	1a	1a	1a	1a
Foam Test	ASTM D892	Pass	Pass	Pass	Pass

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](http://www.DRYDENE.com) Rev (0322-01)