

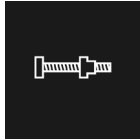


PRODUCT DESCRIPTION

DRYDENE SPINDALL™ oils are premium-grade mineral oils that are refined and formulated for use in high speed spindles and machine tools systems. They provide excellent long-term oxidation stability and protection against corrosion and rust. Spindall fluids may also be used in certain non-EP bearing applications and deliver effective lubrication to lightly-loaded bearings running at speeds up to 40,000 RPMs (depending on manufacturer guidance).

PRODUCT APPLICATION

DRYDENE SPINDALL oils deliver effective lubrication to lightly-loaded bearings running at high speeds. Spindall ISO 3 and ISO 10 are particularly well suited for high-speed spindle and machine tool applications. All Spindall products are designed for machine systems utilizing oil lubricated plain and roller bearings.



FEATURES AND BENEFITS

DRYDENE SPINDALL oils provide effective and long-lasting lubrication to precision machine tool spindles in order to keep bearings cool and prevent rust and oxidation.

- Superior oxidation stability provides long service life for oil and reduces harmful deposit formations
- Effective water separation helps keep moisture out of sensitive machine areas which aids in removal from system reservoirs and helps extend service life
- Low viscosity properties and an advanced additive system reduce heat and wear to machinery
- Anti-foaming characteristics provide component rust protection and resistance to sump cavitation

SPECIFICATIONS

ISO 6743/4
 ISO 6473/2
 Cincinnati P-62
 Cincinnati P-45



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 3	ISO 10	ISO 15	ISO 22
Viscosity @ 40°C, cSt	ASTM D445	3.5	9.5	14.7	20.6
Viscosity @ 100°C, cSt	ASTM D445	1.3	2.5	3.2	4.1
Rust Prevention	ASTM D665A/B	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass
Oxidation Stability	ASTM D943	Pass	Pass	Pass	Pass
Flash Point, COC °F	ASTM D92	275	342	350	410
Pour Point, °C/°F	ASTM D97	-36/-33	-18/0	-15/5	-12/10

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)