



PRODUCT DESCRIPTION

DRYDENE RELENTAC[®] MTS fluids are formulated for the lubrication of machine tool slideways, tables and feed apparatus operating under heavy loads where stick slip or table chatter may occur. Using premium base oils and specific EP additives, they help prevent scoring under loading as well as metal wetting agents that help protect against rust and corrosion.

FEATURES AND BENEFITS

DRYDENE RELENTAC MTS fluids are formulated to virtually eliminate the gel formation which can occur with conventional way lubes when contaminated with metalworking fluids. They also provide high temperature and oxidation stability, excellent extreme pressure properties and superior friction control.

PRODUCT APPLICATION

DRYDENE RELENTAC MTS fluids provide effective lubrication to industrial machine applications where ways are present. They are appropriate for slideways on machining tools as well as milling and screw machines, shapers, planers, lathers and drills.

RELENTAC MTS fluids are also suitable as light-duty EP lubricants in light to moderately loaded gear boxes stipulating a tackified gear lubricant.

- Advanced additive chemistry promotes molecular bonding to create a protective shield that helps reduce friction and wear
- Resilient tackifiers resist water washout and emulsification with water and coolants used in metalworking
- Prevents stick slip and table chatter which can help extend equipment service life



TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ISO 32	ISO 68	ISO 100	ISO 150	ISO 220
Viscosity @ 40°C, cSt	ASTM D445	31.6	68.4	100.3	155.0	221.0
Viscosity @ 100°C, cSt	ASTM D445	5.4	9.1	11.8	15.7	20.0
Viscosity Index	ASTM D2270	105	108	107	104	104
Pour Point, °C/°F	ASTM D5950	-16/3	-12/10	-30/-22	-21/-5	-8/18
Flash Point, °C/°F	ASTM D92	200/392	228/442	230/446	255/491	240/464
Rust Test	ASTM D665A/B	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass
Timken OK Load, lbs.	ASTM D2782	40	45	45	45	60
Four Ball Wear Scar, mm.	ASTM D4172	0.37	0.29	0.29	0.28	0.26
Four Ball Weld Point	ASTM D2596	200	200	200	200	200
Thermal Stability	ASTM D2070	Pass	Pass	Pass	Pass	Pass
Stick Slip	ASTM D2877	0.80	0.78	0.78	0.78	0.78

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 (0126-01)