



## TECHNICAL DATA SHEET

### SANTOLUBE® RP-907 LUBRICATING FLUID

#### Long Term Rust Preservative, and Cleaner

SANTOLUBE® RP-907 Lubricating Fluid is barium free, non-staining, and water displacing long-term rust preservative, cleaner, and lubricant. It penetrates and spreads rapidly to applied areas. SANTOLUBE® RP-907 forms a highly protective thin film on ferrous metals, which protects metal surfaces from atmospheric corrosion – even under conditions of high humidity. This product contains a highly stable synthetic lubricant base stock that is fortified with an effective package to provide both long-term lubrication and corrosion prevention. Typical applications include all metal equipment and molds both indoors and outdoors. SANTOLUBE® RP-907 is essentially nontoxic, especially when proper hygienic practices are followed.

#### PRODUCT ATTRIBUTES

- ◆ Provides long term rust and corrosion protection to both precious and non-precious metals
- ◆ Possesses strong water displacing ability
- ◆ Cleans and lubricates parts easily
- ◆ Free of petroleum solvents and barium compounds
- ◆ Meets MIL-PRF-63460 Requirements
- ◆ Thin film oxidation stability
- ◆ Reduces friction, increases parts life
- ◆ Environmentally safe and Biodegradable

#### TYPICAL PHYSICAL AND PERFORMANCE PROPERTIES<sup>1</sup>

Property	Value	Corrosion and Oxidation Test - ASTM D 4636 (FTM 791-5307/5308) [175°F, 24 hrs]	Value
Viscosity at 40°C – ASTM D 445, cSt	15		
Low-temperature Viscosity at -51°C – ASTM D 445, cSt	5,700	TAN Change	0.18
Pour Point – ASTM D 97, °C	-72	Viscosity Change at 40°C	< 3
Flash point – ASTM D 92, °C	144	Metal Wt Change, mg	None
Wear Preventive Characteristics, 40 kg, 1200 rpm, 1 hr at 75°C, avg.	0.63	Steel	0.02
Total Acid Number – ASTM D 664 [mg KOH/g]	2	Silver	0.03
Elastomer Compatibility – ASTM D 471 [Viton, Silicone, Teflon, Buna N]	Pass	Copper	0.15
Copper Corrosion – ASTM D 130 [100 °C, 3h]	1a	Aluminum	0.03
Operating Temp Range, °F	80 to 320	Titanium	0.02

<sup>1</sup> Please note that these data are typical of samples tested in the laboratory and are not to be considered as sales specifications.