

## SL-320 MIL-PRF-10924H Product Data Sheet

Test	Test Method	Specification Requirements	Typical Results
Worked Penetration	ASTM D217	265 - 295	285
Thickener Type			Lithium Complex
Color	Visual		Yellow
Texture			Smooth and Tacky
Dropping Point, °C	ASTM D2265	220 Min	>316
Copper Corrosion	ASTM D4048	1B Max	1B
Water Stability, pts. change	ASTM D7342	-25 to +60	+ 35
Viscosity at 40 °C, cSt	ASTM D 445		ISO 32
Four Ball Wear, mm	ASTM D2266	0.60 Max	0.44
Load Carrying Capacity LWI, Kgf	ASTM D2596	30.0 Min.	42
Four Ball Weld, Kgf	ASTM D2596	250 Min	315
<u>Low Temperature Torque at -65°F</u> Breakaway Torque Running Torque at 5 min	ASTM D4693*	7.0 N m Max 5.0 N m Max	4.5 1.9
Elastomer compatibility type CR Volume % change Hardness change, pts. change	ASTM D4289	0 to +40 0 to -15	36 -14
Elastomer compatibility type NBR Volume % change Hardness change, pts. change	ASTM D4289	-5 to +30 +2 to -15	26 -14
Steel Corrosion, 1% NaCl Solution	ASTM D5969.	Pass	Pass
Roll Stability, min/max	ASTM D1831	-25 to +60	+20
Biodegradability, min %	ASTM D7373	60	60

This product meets the requirements for Military Specification MIL-PRF-10924H.

MIL-PRF-10924H is a biodegradable long-life Lithium Complex Grease. It was designed to operate from -70°F to 350°F in the harsh environment experienced by military ground and air equipment, including salt water corrosion. It exhibits oxidation resistance due to the synthetic base fluid and select oxidation inhibitors. MIL-PRF-10924H has been formulated with a blend of biodegradable fluids to lessen the environmental impact of this product in the field.

\*Modified procedure in accordance with MIL-PRF-10924H.

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