

SL-10924

**GREASE, AUTOMOTIVE, ARTILLERY
AND INDUSTRIAL APPLICATIONS**

MILITARY SPECIFICATION: MIL-PRF-10924H

DESCRIPTION:

SL-10924 is an advanced lithium-complex, multi-purpose grease. It is an NLGI Grade 2 grease. This unique product is composed of synthetic and natural base fluids. The exceptional additive package contains anti-oxidants and corrosion inhibitors. The benefits of this grease include water resistance and an operating range between -54 and 180°C.

SL-10924 is approved under Military Specification **MIL-PRF-10924H Amd. 2**.

APPLICATION:

SL-10924 is used in application where an NLGI grade 2 is required. It is formulated specifically for Army Vehicles, Artillery and Ground Equipment. This unique grease can also be used for Automotive and Industrial Applications.

SPECIFICATIONS:

Test	Method	Requirement	Results
Worked Penetration	ASTM D-217	265-295	271
Evaporated Loss (TGA), 180°C, 1 hr, Wt %	ASTM E1131	10.0	4.9
Oil Separation, max. %	ASTM D-6184	8.0	2.92
Dropping Point, °C	ASTM D-2265	220	>308
Extreme Pressure Properties, kgf	ASTM D-2596	LWI: 35.0 kg min.	41.51
- Last Non-Seizure Load (scar)			80 kg (0.40 mm)
- Last Seizure Load (scar)		250 kg min	250 kg (2.85 mm)
- Weld Load			315 kg
Wear Scar Diameter, mm	ASTM D-2266	0.60	0.39
Thickener Type			Lithium Complex



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Salt Water Corrosion Resistance, 1% NaCl	ASTM D-5969*	Pass	Pass (all bearing no corrosion)
Oxidation Stability: PDSC @ 210°C, minutes, min.	ASTM D-5483	15	34.5
Copper Corrosion	ASTM D-4048	1b	1b (shiny)
Roll Stability	ASTM D-1831	-25 to +60	271/303 (change +32)
Water Stability	ASTM D-217*	-25 to +60	+10
Worked Stability, min/max	ASTM D217*	-25 to +60	+39
Storage Stability	U.S. Army*	Pass	
Low Temperature Torque @ -65°F (-54°C) - Breakway Torque - Running Torque at 5 min.	*	7 N.m 5 N.m	2.91 N.m 1.80 N.m
Life Performance, 4 runs , 160°C @ 1000 rpm	ASTM D-3527	100 hours	Over 175 hours
Workmanship	*	Pass	Pass
Elastomer Compatibility, (CR, NBR-L)	ASTM D-4289	CR: 0 to +40 (Vol.) 0 to -15 (hardness) NBR-L: -5 to +30 (Vol.) 2 to -15 (hardness)	+36.20 -15 +25.95 -15
Biodegradability, min. %	ASTM D-5864, D-6541, or D-7373	60	62.92

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