

PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.



Lux SWEPE1.5

High Performance Lithium Complex Based EP Grease

DESCRIPTION:

Lux SWEPE1.5 is an outstanding multi-purpose extreme pressure (EP) lithium complex grease with a customized formulation that provides superior anti-friction film protection under heavy loads, water resistance and adherence of lubricant film on metal surfaces.

Lux SWEPE1.5 resists thinning and hardening in bearings thereby minimizing leakage and maintaining lubrication and long service life. It also offers excellent low temperature pumpability, high temperature protection and can be applied in industrial machinery where poly-lithium complex-EP grease is specified.

PROPERTIES:

	Test Method	LSWEPE1.5
Thickener Type		Lithium Complex
Thickener Content		6-10
NLGI Grade	ASTM D4950	1.5
Base Oil Viscosity @ 40 °C	ASTM D445	490-535 cSt
Base Oil Viscosity @ 100 °C	ASTM D445	33.4 cSt
Grease Mobility @ 0 °F	USS Method LT37	4.0 g/min
Dropping Point	ASTM D566	279 °C (535 °F)
Cone Penetration @ 25 °C (77 °F)	ASTM D217	
Unworked		290-320 dmm
Worked 60 strokes		290-320 dmm
Worked 10,000 strokes		± 10 dmm
Rust Prevention (24h)	ASTM D665A,B	Pass
Oil Separation 30 hours @ 212 °F	ASTM D1742	5.0 %
Water Sprayoff, loss	ASTM D4049	3.0%
EP Properties (Four-Ball Method)	ASTM D2596	
Weld Point		315 kgf
Load-Wear Index		45 kgf
OK Load (Timken Method)	ASTM D2509	55 lb-f
Four-Ball Wear	ASTM D2266	0.48 mm

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