

**LOCTITE UK**

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PRODUCT DESCRIPTION:

Super Lube is a patented, multi-purpose, synthetic lubricant, containing Teflon particles held in suspension.

TYPICAL APPLICATIONS:

Lubrication of bearings, chains and gears. Also as a corrosion inhibitor.

SPECIFICATIONS:Grease (with Teflon)

NLGI grade, (ASTM D1092)	2
Colour	translucent white
Odour	none
Shelf life	> 10 years
Temperature range	-54°C to 176°C continuous -54°C to 260°C intermittent
Dropping point (ASTM D566)	non-melt
Penetration, unworked (ASTM D217)	280mm/10
Four ball EP test (ASTM D2596)	
Load wear index	42.53 kg
Weld point	200 kg
Four ball wear test (ASTM D2266)	
Scar diameter	0.50mm
Salt spray test (ASTM B117)	pass
Dielectric loss (ASTM D924)	1.2×10^{12}
Dielectric resistivity (ASTM D1169)	1.7×10^{14}
Dielectric constant (ASTM D924)	2.5
Oil separation (ASTM D1402)	none
Evaporation loss (ASTM D972) 22 hours @ 100°C	<1%
Oxidation stability 100 hours (ASTM D942)	pass
Timken OK load (ASTM 2509)	40 lbs

Oil (with Teflon)

Colour	translucent white
Odour	none
Shelf life	> 10 years
Temperature range	-23°C to 176°C continuous -23°C to 260°C intermittent
Viscosity, (ASTM D445) cSt @ 100°C cSt @ 40°C	64 100
Specific gravity (ASTM D1298)	0.87 @ 16°C
Pour point (ASTM D97)	-23°C
Flash point (ASTM D92)	230°C
Fire point (ASTM D92)	240°C
Water, ppm (ASTM D1744)	35
Four ball EP test (ASTM D2783) Load Wear index Weld point	45.4 kg 250 kg
Four ball EP test (ASTM D4172) Scar	0.66mm
Salt spray test (ASTM B117)	pass

FOOD APPROVAL

Superlube is U.S.D.A. (United States Department of Agriculture) rated H-1, meaning that it is suitable for use in applications where incidental contact with food stuffs may occur.

The aerosol formulation has an H-2 classification, meaning that it can be used in food processing plants but where no contact with food stuffs is likely to occur.

GENERAL INFORMATION:

Safe handling. See relevant Health & Safety sheets.

STORAGE:

Store in original containers between 5°C and 28°C. Do not return residual materials to containers.

SPECIFICATIONS:

The technical data contained herein are intended for reference and should not be used for preparing specifications. Please contact the Loctite Technical Service Department or local representative for assistance and recommendations on specification limits for these materials.

NOTE:

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