

**SYNCO CHEMICAL CORPORATION TYPICAL PROPERTIES SUPER LUBE® MULTI PURPOSE GREASE**

<b>TEST</b>	<b>TEST METHOD</b>	<b>SUPER LUBE® MULTI PURPOSE GREASE</b>
NLGI GRADE	ASTM D217	2
NLGI CLASSIFICATION*	ASTM D4950	GC-LB*
COLOR		Translucent White
TEMPERATURE RANGE		-45°F to 450°F (-43°C to 232°C) continuous -50°F to +500°F (-45°C to 260°C) intermittent
VISCOSITY (BASE OIL) cSt @ 100°C SUS @ 40°C	ASTM D445	8 350
SPECIFIC GRAVITY	ASTM D1298	.89 @ 60°F
WATER, PPM	ASTM D1744	35 ppm
TAN	ASTM D974	0.04 maximum
DROPPING POINT	ASTM D2265	>500°F (260°C)
PENETRATION, worked (60 Strokes)	ASTM D217	265-295 mm/10
FOUR BALL TEST	ASTM D2596	
LOAD WEAR INDEX		81.73 kg
WELD POINT		400 kg
FOUR BALL EP TEST Scar diameter	ASTM D 2266	<.5
LOW TEMPERATURE TORQUE @ -54°C	ASTM D1478	
Starting		0.27 N-m (0.37 in-lbs)
10 Min Running		0.08 N-m (0.11 in-lbs)
1 Hr Running		0.006 N-m (0.09 in-lbs)
SALT SPRAY TEST (100 hrs)	ASTM B117	pass
DIELECTRIC LOSS	ASTM D924	1.2 X 10 <sup>12</sup>
DIELECTRIC RESISTIVITY	ASTM D1169	1.7 X 10 <sup>14</sup>
DIELECTRIC CONSTANT	ASTM D924	2.5
OIL SEPARATION	ASTM D6184	<2%
EVAPORATION LOSS 22 hours @ 212°F (100°C)	ASTM D972	<1%
OXIDATION STABILITY, 100 hrs	ASTM D942	6.9 kPa
TIMKEN OK LOAD	ASTM 2509	40 lbs
FLASH POINT	ASTM D92	>428°F (220°C)
FIRE POINT	ASTM D92	>572°F (300°C)
WHEEL BEARING LEAKAGE	ASTM D1263	0.2 g
WATER WASHOUT	ASTM 1264	3.00%
COPPER CORROSION 24 hrs @ 100°C	ASTM D4048 and D130	1B, shiny
ACID NUMBER	ASTM D664	.5 mg KOH/g
WARRANTY		24 MONTHS