



## Specifications of X-Sealant GEL

	TEST METHOD	X-Sealant GEL
NLGI GRADE	ASTM D1092	N/A
NLGI CLASSIFICATION*	ASTM D4950	
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 cSt @ 100°C cSt @ 40°C	ASTM D445	14-17 118-122
ISO GRADE		220
REPLACES ISO GRADES		150-320
REPLACES SAE GRADE GEAR OILS		90
VISCOSITY INDEX		145
SPECIFIC GRAVITY	ASTM D1298	.89
LBS / GALLON		7.4@60°F
POUR POINT	ASTM D97	-30°F(-34°C) MAX
WATER, PPM	ASTM D1744	35 ppm
TAN	ASTM D974	0.04 maximum
DROPPING POINT	ASTM D566	N/A
PENETRATION, unworked	ASTM D217	N/A
FOUR BALL TEST Load wear index Weld point	ASTM D2783 and D2596	42kg 250kg
FOUR BALL EP TEST Scar diameter	ASTM D4172	<.5
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 D1402	N/A
EVAPORATION LOSS 22 hours@ 212°F(100°C)	ASTM D972	<2%
OXIDATION STABILITY, 100 hrs.	ASTM D942 and D943	4 psi
TIMKEN OK LOAD	ASTM 2509 and 2782	40 lbs
FLASH POINT	ASTM D92	>428°F(220°C)
FIRE POINT	ASTM D92	>572°F(300°C)
WHEEL BEARING LEAKAGE	ASTM D1263	N/A
COPPER CORROSION 24 hrs. @ 100°C	ASTM D4048 and D130	1A
ACID NUMBER	ASTM D664	0.20mg KOH/g
SHELF LIFE		24 MONTHS