



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 ¹² |
| DIELECTRIC RESISTIVITY | ASTM D1169 | 1.7 X 10 ¹⁴ |
| 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 |