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multi-purpose grease for sealed bearings

Raremax Super N

RAREMAX SUPER N is designed to have the same properties characteristic of Raremax Super with far better heat resistance. Needless to add, RAREMAX SUPER N has outstanding bearing noise profile (low-noise property) and rust preventive property.

Typical Property

Operating Temperature: $-40^{\circ}\text{C} \Leftrightarrow 200^{\circ}\text{C}$

| Test Item | Test Method | Raremax Super | Raremax Super N |
|--|-----------------------|-------------------------|--------------------------------|
| Thickener | | urea | urea |
| Base oil | | mineral oil | mineral oil + synthetic oil |
| Base oil kinematic viscosity @100°C, mm²/s | ASTM D 445 | 10.5 | 10.5 |
| Appearance | | light brown, buttery | white, buttery |
| Worked penetration | ASTM D 217 | 260 | 251 |
| Dropping point, °C | ASTM D 566 | 253 | 254 |
| Copper strip corrosion (100°C, 24h) | ASTM D 4048 | pass | pass |
| Evaporation loss, mass% (100°C, 22h) | ASTM D 972 | 0.3 | 0.3 |
| Oil separation, mass% (100°C, 24h) | FTMS 791C-321 Mod. | 1.5 | 0.3 |
| Oxidation stability, kPa (99°C, 100h) | ASTM D 942 | 10 | 6 |
| Worked stability | FTMS 791C-313 | 345 | 330 |
| Water washout, mass% (79°C, 18h) | ASTM D 1264 | 1.5 | 1.3 |
| Low-temp. torque starting @-40°C, N•cm running | ASTM D 1478-63 | 75 34 | 120 48 |
| @-40°C, N•cm running High-temp. performance @150°C | ASTM D 3336 mod. | 1539 | >4000 |
| Quiet running characteristics | SKF BeQuiet | GN2 | GN2 |