

INA Automast Specijal MOS EP 2

General Description - Application

INA Automast Specijal MOS EP 2 is lithium lubricating grease contains oxidation and corrosion inhibitors, EP additive and molybdenum disulphide as a solid lubricant. Selected mineral base oils make it suitable for use also at severe low temperature winter conditions. Recommended for lubrication of constant-velocity universal-joints of FIAT and other car makes as well as for ball joints, suspension and steering systems and leaf springs of TAM, MERCEDES, HENSCHTEL and other commercial vehicles.

Operating temperatures range from -40 to 130 °C.

Performance Level - Specifications

ISO-L-XDDHB 2

DIN 51825 KPF 2 N -40

Löbro 4.9.06.00374

Fiat 9.55580/class II

DBL 6811

INA N 22-117 TIP 2

| Properties | INA Automast Specijal MOS EP 2 | Method |
|---|--------------------------------|-------------|
| Kinematic Viscosity of Base Oil, mm ² /s | | |
| - at 40 °C | 135 | ISO 3104 |
| - at 100 °C | 10 | |
| NLGI number | 2 | |
| Appearance and Colour | black, homogenous | visual |
| Dropping Point, °C | 190 | ISO 2176 |
| Worked penetration, 60 strokes at 25 °C, 0,1 mm | 275 | ISO 2137 |
| Unworked penetration, 16 h at -20 °C, 0,1 mm | 175 | ISO 2137 |
| Corrosion (Cu, 100 °C, 3 h) | 1 b | ISO 2160 |
| Free alkali (as NaOH), mass. % | 0,06 | ASTM D 128 |
| Mechanical stability, penetration change after 100 000 strokes, % | 48 | ISO 2137 |
| Water washout (79 °C, 1 h), mass. % | 3 | ISO 11009 |
| Oxidation stability (99 °C, 100 h) - pressure drop, kPa | 25 | ASTM D 942 |
| Wheel Bearing Leakage Tendencies (130 °C, 6 h) mass. % | 0,8 | ASTM D 1263 |
| Oil separation (40 °C, 168 h) mass. % | 3,5 | IP 121 |
| Four ball EP Test, Weld Point (1 430 rpm, 10 s), N | 4 000 | ASTM D 2596 |
| Wear Test, Four ball, Average scar diameter, (392 N, 1 200 rpm, 75 °C, 1 h), mm | 0,45 | ASTM D 2266 |
| SKF R2F Test B, Lubricating capacity at 120 °C | passed | DIN 51806 |

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.