

## INA LIS CS EP 00

### General Description - Applications

INA LIS CS EP 00 is synthetic semifluid lithium lubricating grease containing EP additive, oxidation and corrosion inhibitors. Specially recommended for centralized chassis lubrication systems of Mercedes-Benz commercial vehicles in most severe low temperature winter conditions. Operating temperatures range from -50 to 120 °C.

### Performance Level - Specifications

MB-Approval 264.0  
 ISO-L-XECEB 00  
 DIN 51826 GHC 00 K -50  
 INA N 22-220 TIP 5

Properties	INA LIS CS EP 00	Method
Kinematic Viscosity of Base Oil, mm <sup>2</sup> /s - at 40 °C - at 100 °C	46 8	ISO 3104
NLGI number	00	
Appearance and Colour	green, homogeneous	visual
Dropping Point, °C	180	ISO 2176
Worked penetration, 60 strokes at 25 °C, 0,1 mm	410	ISO 2137
Corrosion (Cu, 100 °C, 3 h)	1 a	ISO 2160
Free alkali (as NaOH), mass. %	0,04	ASTM D 128
Mechanical stability, penetration change: after 5 000 strokes, %	6	ISO 2137
Oxidation stability (99 °C, 100 h) - pressure drop, kPa	14	ASTM D 942
Oil separation without load (40 °C, 168 h) mass. %	12	IP 121
Rust preventing properties, SKF Emscor	0/0	DIN 51802
Four ball EP Test, Weld Point, (1 430 rpm, 10 s), N	2 500	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
Flow pressure at -35 °C, mbar	55	DIN 51805

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