

## AUTOMOTIVE AND INDUSTRIAL LUBRICATING GREASE

## INA GKS

### General Description - Applications

INA GKS is calcium lubricating grease with graphite for lubrication of plain bearings, slideways and joints at lower speeds and higher loads. Suitable for lubrication of machine elements such as plain bearings, slideways, chain drives, wire ropes, lifts, elevators and low-speed gears on earthmoving, agricultural, mining and other heavy machinery. Operating temperatures range from -20 to 70 °C.

### Performance Level - Specifications

ISO-L-XBAHA 3

DIN 51825 KF 3 C -20

INA N 22-221 TIP 2

Properties	INA GKS	Method
Kinematic Viscosity of Base Oil, mm <sup>2</sup> /s		
- at 40 °C	68	ISO 3104
- at 100 °C	8	
NLGI number	3	
Appearance and Colour	black, homogeneous	visual
Dropping Point, °C	102	ISO 2176
Worked penetration, 60 strokes at 25 °C, 0,1 mm	235	ISO 2137
Corrosion (Cu, 100 °C, 3 h)	1 a	ISO 2160
Free alkali (as NaOH), mass. %	0,07	ASTM D 128
Water Content, vol. %	1,5	ISO 3733
Mechanical stability, penetration change: after 10 000 strokes, %	15	ISO 2137
Water washout (38 °C, 1 h), mass. %	1	ISO 11009
Oil separation (40 °C, 168 h) mass. %	2,5	IP 121

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