

# KAJO- Roller Bearing Grease LC 002

**KAJO-Roller Bearing Grease LC 002** is a natural-colored lithium complex grease based on mineral oils. Especially selected additives provide a good aging resistance as well as good thermal load capacities. Together with a high dropping point induced by a lithium complex soap a safe high-temperature application is achieved. The wear protective additives contribute to a low friction coefficient friction and a long life cycle.

### Practical advantages:

**KAJO-Roller Bearing Grease LC 002** is appropriate for lubrication of highly pressure loaded rollers and friction bearings at increased bearing temperatures. It is particularly recommended for

lubricating wheel bearings of utility vehicles and for high speed car wheeling bearings.

### Properties:

- high thermal load
- work stable
- oxidation resistant
- water resistant
- good corrosion protection properties
- high pressure absorption
- good adhesiveness

### Approvals:

- MAN 284 Li-H 2
- MB 265.1

### Typical characteristics:

Properties	Value	Unit	Standard
NLGI-Class	2		DIN 51 818
Worked penetration	265 - 295	0,1 mm	ASTM D217
Dropping point	270	°C	IP 396
Soap base	lithium complex		
Base oil viscosity at 40°C	approx. 160	mm <sup>2</sup> /s	DIN EN ISO 3104
Water resistance	1-90		DIN 51807-1
Corrosion protection EMCOR	0/0	corrosion degree	DIN 51802
Copper corrosion 120°C / 24h	1	corrosion degree	DIN 51811
Four-ball O.K. load Four-ball welding load	2400 2600	N	DIN 51350-4
Mech.-dynamic test FE 9 A/1500/6000/150	F <sub>10</sub> >119 F <sub>50</sub> >209	h	DIN 51821
Mech.-dynamic test FE 8 A/750/120/500h	pass		DIN 51819
Operating temperature range Short time	-40 to 160 +180	°C	DIN 51825
Marking	KP 2 P-40		DIN 51502