

LITKEN EP (RANGE)

GREASE FOR MECHANISMS SUBJECT TO HEAVY LOADS

DESCRIPTION

Grease made with high quality and purity mineral base oil, lithium soap, and additives for improving its performance.

APPLICATIONS

Lubrication of bearings, rolling bearings, spindles and slide ways in equipment subject to high loads in areas with presence of water, dust and other contaminants:

- ⇒ Lamination trains
- ⇒ Mechanisms subject to loads and intermittent shocks
- ⇒ Points where a multipurpose EP grease is required.

LITKEN EP 00 / LITKEN EP 0

- ⇒ Centralized lubrications of vehicles of transport and civil works

PROPERTIES

- Excellent behaviour in front of mechanical work; it remains in the lubrication point.
- It is suitable for central lubrication systems prepared for the consistency required.
- High corrosion protection of metallic parts.
- High resistance to aging.
- Good resistance to wash out by water.
- Working temperature from -20 to +120°C, possible temperature peaks up to 140°C.

QUALITY LEVEL:

- ISO-L-XBDHB 00/0/1/2/3

TECHNICAL CHARACTERISTICS

	Method	Typical values					Un.
	LITKEN EP	00	0	1	2	3	-
Appearance	Brown grease						
Consistency NLGI	ISO 2137	00	0	1	2	3	-
Penetration at 25 °C	ASTM D-217	415	367	326	280	234	mm ⁻¹
Variation at 10 ⁵ strokes	ASTM D-217	+45	+45	+40	+35	+25	mm ⁻¹
Base oil viscosity at 40 °C	ASTM D-445	75	90	125	140	180	cSt
Dropping point	ASTM D 566	n.m.	190	190	190	190	°C
Timken load	ASTM D 2782	> 50	> 50	> 50	> 50	> 50	lb
Welding load, 4 ball test	ASTM D 2596	315	315	315	315	315	kg
Oil separation, 24 h., 100 °C	ASTM D 6184	4,3	4,0	3,7	3,5	3,2	%

(*) n.m. non measurable

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