

Greases

Description

A grease which has been created from highly refined paraffin-based oils, thickened with lithium soap (hydroxystearate). Contains antioxidant, anticorrosive, anti-wear and extreme pressure additives.

- General industry greasing.
- Rolling-mills.
- Couplings, chains, guides and shearing bearings.
- All types of load and vibration supporting rollers (iron and steel industry mills, rolling-mills, mining and public works machinery).
- Field of application from -20 °C to 120 °C.

Properties

- Excellent mechanical stability, maintaining its properties during long periods of use.
- Water resistant.
- It allows the machinery to work in conditions where there are strong charges and shocks.
- Good anti-wear and extreme pressure properties.

Quality levels

- All grades: Requirements no. 370 and 375 of Unites States Steel Lubricants.
- EP-0: DIN 51502 GP 0G-20
- EP-1: DIN 51825 KP 1K-20
- EP-2: DIN 51825 KP 2K -20
- EP-3: DIN 51825 KP 3K-20

A safety information file is available on request.

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Technical data sheet for Lubricants. Revision 3. October 2013

Greases

Technical specifications

	UNIT	METHOD	VALUE			
Type			0	1	2	3
Colour		Visual	Light brown	Light brown	Light brown	Light brown
Consistency		NLGI	0	1	2	3
Type of soap			Lithium	Lithium	Lithium	Lithium
Base oil, ISO degree of viscosity	cSt		150	150	150	150
Penetration 25 °C						
- Producing at 60 strikes	1/10 mm	ASTM D 217	370	325	275	235
- Producing 100.000 strikes	1/10 mm	ASTM D 217	380	337	290	253
Dropping point	°C	METTLER FP-83HT	185	190	195	200
Copper corrosión 24hr 100 °C		ASTM D 4048	1a	1a	1a	1a
Machine wear 4 balls, 80 kg and 1 minute, tread diameter	mm	IP 239	0,45	0,45	0,45	0,45
EP properties 4 ball machine soldering load	Kg	IP 239	280	280	280	280
Timken machine load test OK	lb	ASTM D 2509	60	60	60	60
Emcor corrosion test		ASTM D 6138	0-0	0-0	0-0	0-0

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