



G. BESLUX KOMPLEX M-2

NEW TECHNOLOGY HIGH EFFICIENCY GREASE

DESCRIPTION

Long life organic soap thickened greases with highly refined mineral oil and additive package, which provide them with superior anti-wear, EP properties and high antioxidant and anticorrosive capacity. These are excellent greases for the lubrication of bearings and mechanisms exposed to the combined action of high temperatures, heavy loads and water.

G. BESLUX KOMPLEX M-2 grease is intended for the lubrication of mechanisms in severe operating conditions, such as the lubrication of steel continuous casting where following ambient must be faced

- High service temperature.
- High Ferro static pressures.
- Big quantity of cooling water.
- High contamination with metallic oxides, hard particles, metal foils, etc.
- Long centralized systems.

PROPERTIES

- Superior behaviour and stability to temperature.
- High mechanic work stability.

PHYSICAL – CHEMICAL CHARACTERISTICS

Colour	Light brown
Thickener, soap type	Urea compound
Base oil nature	Mineral
NLGI Class	Grade 2
Worked penetration 60 W, (0,1mm)	265 – 295
Worked penetration 10 ⁵ W, (0,1mm)	Max. 350
Drop point, °C	Min. 270
EMCOR corrosion test	
- distilled water	0
- salt water	Max. 2
4-ball-test	
- Welding load, kg	Min. 300
- wear scar diameter 1h/40 kg, mm	Max. 0,50
Oil separation, %	Max. 5
Oxidation stability, bar	Max. 0,5
Copper corrosion 100°C	Max. 1 b
Operating temperature, °C	-20 to 150

- Poor variation of the consistency to temperatures increase.
- Very good behaviour to water and water wash-out.
- Long duration. It does not drip nor it slips. Ample periods between applications. Smaller consumption. Economical.
- Excellent sealing capacity, which prevents the contamination with particles.
- Very good flow characteristics in a wide temperatures range.
- Long life lubricating greases.
- Outstanding quality-price relation.
- Fine film, reduces the adhesion of abrasive matter, facilitates the inspection and control of the state of the wire.

G. BESLUX KOMPLEX M-2 grease do no bear any metallic soap so the resistance to oxidation and aging is much increased when compared with the conventional greases formulated with complex or simple soap which are being used in such kind of operations.

CAUTIONS

- The usual ones when handling and using lubricants.
- Keep the can closed to avoid contamination.
- Do not mix with different nature greases.