



## G. BESLUX KOMPLEX 412 SW

### HIGH EFFICIENCY LUBRICATING GREASE

#### DESCRIPTION

**G. BESLUX KOMPLEX 412 SW** is a lubricant grease specially developed with a long-life organic thickener and a high quality synthetic base oil with high thermal resistance. The high base oil viscosity and special additives help to attain good wear protection under high loads.

#### APPLICATIONS

**G. BESLUX KOMPLEX 412 SW** is intended for the lubrication of high temperature operated bearings, 200°C and peaks of 220°C.

It is applied mainly in:

- Bearings in roller mills.
- Bearings in thermal treatment plants.
- Roller bearings exposed to strong temperatures variations.
- High temperature operated bearings and mechanisms with high contamination levels, generally wherever a lubricant provided with high sealing capacity is required.
- Preferred choice for rolling and plan bearings operating under high loads, e.g. in the steel, cement or paper industry.

#### PROPERTIES

- High stability to temperatures.
- High sealing capacity with high temperatures.
- Long life lubricating grease.
- High stability to mechanical work.
- Wide operating temperatures range (-35 a 200°C).
- Good wear and corrosion properties.

#### CAUTIONS

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

### PHYSICAL-CHEMICAL CHARACTERISTICS

CHARACTERISTICS	UNIT	STANDARD	TYPICAL VALUE
Color		-	Light beige
Thickener		ASTM D-128	Organic
Base oil		ASTM D-128	Synthetic
NLGI consistency		DIN 51818	1/2
Worked penetration at 60W	0.1 mm	ASTM D-217	300
Drop point	°C	ASTM D-566	>260
EP/AW Properties:			
Weld load capacity	Kgf	IP-239	>500
Wear Scar diameter 1h/40 kg	mm		<0.9
Water resistance at 90°C		DIN 51807	Grade 0
Copper corrosion 24h/100°C		ASTM D-4048	1b max.
Oxidation stability, 100h/100°C	Kg/cm	ASTM D-942	<0.1
Oil separation, 7 days at 40°C	%	DIN 51817	<4
Service temperature	°C		-35 to 200