



G. BESLUX VHT/S

SPECIALITY GREASE FOR HIGH OPERATING TEMPERATURES

DESCRIPTION

Inorganic soap thickened synthetic speciality grease with molybdenum disulphide and a complete additives package to provide superior antioxidant, antirust and anti-wear capacity.

APPLICATIONS

G.BESLUX VHT/S is intended specifically for the lubrication of these mechanisms operated at very high continuous temperatures (up to 200°C) with peak temperatures 220°C as it does not melt nor flows with temperature.

Due to the synthetic base oil together with the superior quality additives package **G.BESLUX VHT/S** shows long life and efficiency vs. the conventional greases.

Its main applications are:

- Bearing of kiln trolleys.
- High temp operated mechanisms.

- Bearings of fans and exhausters electric motors
- Bearing in the steel industry whenever heavy loaded.

G.BESLUX VHT/S is recommended for the lubrication of heavy loaded reducers and motors and in long run centralized lubricating systems.

PROPERTIES

- Resist high temperatures (up to 220°).
- Resist heavy loads.
- Large range of service speeds (VF=500.000)
- Long life and efficiency.
- Superior lubricating capacity.

CAUTIONS

- The usual one when handling and using lubricants.
- Avoid excess of grease as well a too frequent regreasing.
- Keep the can closed to avoid contamination.
- Do not mix with different nature greases.

PHYSICAL-CHEMICAL CHARACTERISTICS

Colour	Black
Thickener, soap type	Inorganic
Base oil nature	Synthetic
NLGI Consistency class	Grade 2
Solid lubricants	MoS ₂
Penetration at 25°C, (0,1mm)	275-295
Dynamic viscosity at 25°C, (mPa)	3000-5000
Cinematic viscosity, (cSt)	
- At 40°C	72
- At 100°C	9,7
Drop point, (°C)	None
Evaporation weight loss 24h/180°C, (%)	Max. 5
Flow pressure -35°C, (mbar)	Max. 1000
4 balls test	
- Welding load, (kg)	Min. 220
- Wear scar diameter 1h/40 Kg, (mm)	Max. 0,45
EMCOR corrosion test	Max. 1
Copper strip corrosion 24h/100°C.	Max. 1b
Stability to oxidation, (kg/cm ²)	Max. 0,1
Service temperature, (°C)	-35 to 200
Peak temperature, (°C)	220

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Page 1 / 1