

HT/Liplex-650

High-temperature and heavy duty grease with solids

HT/Liplex-650 greases are high performance high temperature greases for heavily loaded large bearings subject to shock loads. They are based on high viscosity index mineral oil and a lithium complex soap thickener. A part from containing the latest additives to ensure excellent high temperature, anti-corrosion & anti-oxidation performance, they also contain solid lubricants to ensure the grease can handle shock loads.

Applications

HT/Liplex-650 greases are especially suitable for bearings operating at high temperature and under load and Recommend for wheel bearings of industries, Continuous casting, roller conveyors, and highly-stressed bearings in construction machineries should extra time between of lubrication intervals is required. This grease is also suitable for the lubrication of pivoting bearings and plain bearings in the mining, cement and steel industry. Further applications are found in sugar and paper production as well as in marine and offshore technology.

Performance Features

- Resistant to high temperatures
- Extremely high pressure resistance
- High load capacity
- Excellent protection against wear
- Very good corrosion-preventive ability
- Good resistance to water
- Shock and vibration loads absorption

Technical Data: HT/Liplex-650

Characteristics	Unit	Value	Test Method
Reference		KPF2R-20	DIN 51502
Color		black	
Texture		homogeneous	
Thickener		Lithium complex soap	
Base oil type		Mineral	
NLGI grade		2	DIN 51818
Cone penetration, worked [25°C]	0.1mm	265-295	ASTM D 217
Kinematic viscosity of the base oil [40°C]	mm ² /s	Approx. 650	DIN 51562
High Temperature range	°C	+180	LLS 134
Low Temperature range	°C	-20	LLS 134
Dropping point	°C	270	IP 396

Lubrication Solutions for Industry

KELBOR develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for all industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.