



Carius EP Series

High Temperature and Extreme Pressure Grease

Description

It is grease formulated with addition of special additives and EP promoting additives into the thickeners with lithium-complex structure for the purpose of resistance to the impact loads at elevated temperatures. Carius EP 320 also contains molybdenum bisulfate against vibration forces.

Application

It can be used for low speed rolling stand bearings in iron and steel industry, continuous casting line output units operating between 150-190°C and cooling relays. It is suitable for use in worm gear drive units of the cutting drive unit, if recommended. It provides excellent protection against corrosion in ball bearings of the paper machines, thanks to its resistance to pulp chemicals, especially protection of ball bearings in "wet section" against corrosion perfectly. Please contact to our expert for applications above 195°C.

Benefits

- Ensures operation under the impact loading, thanks to its excellent excessive pressure feature.
- Maintains its lubrication function at elevated temperatures, thanks to its excellent oxidation resistance.
- Reduces grease consumption and decreases the operation costs.
- Ensures long ball bearings' service life by reducing aging and wear.
- Reduces maintenance costs, contributes to the production efficiency.
- Suitable for use in central lubrication systems at low temperatures.
- Reduces purchasing costs by decreasing the product variety.
- Ensures safe operation in the presence of acid, thanks to its excellent protection against rusting and corrosion.

Typical Specifications*

		Carius EP 146	Carius EP 220	Carius EP 320
NLGI	-	1.5	1.5	2
Soap Type	-	Lithium Complex	Lithium Complex	Lithium Complex
Penetration, 25°C, Worked	ASTM D-217	319	267	284
Timken OK, 50 lb	ASTM D-2509	Pass	Pass	Pass
Drop Point, °C	ASTM D-566	250	250	250

* Values are changeable according to production.

Packing

Tin Can	16 kg
Drum	180 kg



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