

CEPLATTYN GT 10

Light-colored, high-viscosity adhesive lubricant with white solid lubricants for Open Gears

Performance Features

- temperature range: 0/+140°C / +32/+284°F
- recommended application temp.: > +10°C/+50°F
- excellent wear protection
- very good dry running properties
- unlimited suitability for kiln and mill drives
- no self-ignition on the hot kiln shell
- thick lubricating film
- very good lubricating film stability on the stationary tooth flank
- free of solvent and bitumen



drive chains



gear racks



Open Gears

Description

CEPLATTYN GT 10 is a high-viscosity adhesive lubricant for heavy-duty Open Gears, e.g. on kilns, mills and driers in the raw materials industry. CEPLATTYN GT 10 is based on a synthetic base oil, new types of additives, and a combination of white, reaction-effective solid lubricants. This combination guarantees an extraordinarily good wear protection and an extremely high lubricant film stability. CEPLATTYN GT 10 together with CEPLATTYN GT P (Primer) and CEPLATTYN GT RN (Running-In) represents the FUCHS LUBRITECH Multi-Phase Lubrication.

Field of application

CEPLATTYN GT 10 has been especially developed for the application on Open Gears under critical operating conditions, such as low-speed kiln drives with increased tooth flank temperatures, mill drives with extreme drive power, and drives which are frequently operated under start-stop conditions. CEPLATTYN GT 10 includes flame-

retarding substances reducing the danger of ignition, e.g. on the hot kiln shell (up to 400 °C). Furthermore CEPLATTYN GT 10 has a restricted flowability outside the meshing and is thus prevented to a large extent from leaving the gear guard. As opposed to conventional fluids CEPLATTYN GT 10 develops a thick lubricating film on the tooth flank which does not flow off of the metal surface, not even after a stoppage of the equipment. Thus CEPLATTYN GT 10 reliably protects from wear in the starting phase of the equipment which can happen with conventional fluids. The high portion of reaction-effective white solid lubricants prevents a seizure of the tooth flanks even in unfavorable lubricating and meshing conditions. CEPLATTYN GT 10 meets the requirements of the current version of AGMA 9005-E, paragraph D-2, and has been approved by FLSmidth, KHD Humboldt Wedag, Metso, Outotec, and other major equipment manufacturers.

Method of application

CEPLATTYN GT 10 is suitable for the application in immersion bath, circulation lubrication and spraying systems. In terms of spraying applications a heating system is recommended in case of ambient temperatures below +10°C/+50°F.

Note

Shelf life: 24 months

Technical Data: CEPLATTYN GT 10

Characteristics	Value	Unit	Test Method
Color	light colored/milky		
Temperature range	0 /+140	° C	LV0124
Temperature range	+32 / +284	°F	LLS 134
Base oil	syn		
Base oil viscosity [40°C]	10,000	mm ² /s	DIN 51562-1
Base oil viscosity [100°F]	46,000	SUS	DIN 51562-1
Base oil viscosity [100°C]	360	mm ² /s	DIN 51562-1
TIMKEN OK-load	45	lbs	ASTM D 2509
FZG A/2.8/50 - damage load step	>12		DIN ISO 14635-3 [LV]
Specific wear	<0.2	mg/kWh	

LV = Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

Product Information



LUBRITECH
Special Application Lubricants

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users. FUCHS LUBRITECH provides service and individual advice. Please contact us!
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