

Product Information

CEPLATTYN® KG 10 HMF-1000

Description

CEPLATTYN KG 10 HMF-1000 is based on a chosen high viscous base oil with aluminium-complex soap as a thickener. The special additive package is free of chlorine and lead, as well as of other heavy metals. CEPLATTYN KG 10 HMF-1000 contains the purest and finest colloidal graphite. It does not contain solvents. Altogether it can be marked as an excellent product.

CEPLATTYN KG 10 HMF together with CEPLATTYN RN and CEPLATTYN 300 represent the FUCHS LUBRITECH multi-phase system.

Field of application

Due to the high base oil viscosity and the cushioning effect, CEPLATTYN KG 10 HMF-1000 is especially qualified for heavy duty and shock-load.

The high content of solid lubricants guarantees temperature stability of the lubricating film, also if exceeding the normal temperature range.

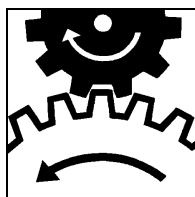
CEPLATTYN KG 10 HMF-1000 serves as an operating lubricant for open running gear drives, as for instance used in kilns, mills and dryers in heavy and primary industry. Links, gear racks, sliding surfaces etc. can also be lubricated successfully.

Method of application

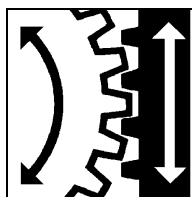
CEPLATTYN KG 10 HMF-1000 is applied sparingly by means of spraying systems.

**Highly viscous adhesive lubricant
for open running gear drives, free
of heavy metal and chlorine**

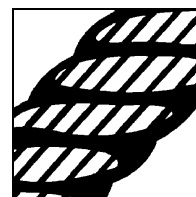
- **temperature range:**
-10 / +140 °C
+14 / +280 °F
- **excellent anti-wear and anti-corrosion properties**
- **extremely adhesive**
- **high load capacity**
- **reduces friction and corrosion**
- **water resistant**
- **good cushioning effect**
- **applicable by all common spraying systems**



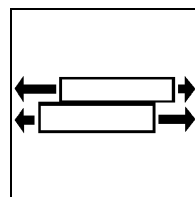
open gears



racks



wire ropes



sliding surfaces
PI-No.: 1 - 1153

2011-03-10/KH/Te

Technical Data

CEPLATTYN KG 10 HMF-1000

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test</u>
Reference	240		
Colour	OGPF00N-10		DIN 51502
Temperature range	black		
Temperature range	-10 / +140	° C	LLS 134
Temperature range	+14 / +280	° F	LLS 134
Base oil	min		
Thickener	Al-X		
Solid lubricants	C		
Base oil viscosity [40°C]	1.000	mm ² /s	DIN 51562-1
Base oil viscosity [100°F]	5.500	SUS	DIN 51562-1
NLGI-grade	0/00		DIN 51818
Dropping point	190	° C	DIN ISO 2176
Dropping point	375	° F	DIN ISO 2176
Four Ball Test welding load	6.500/7.000	N	DIN 51350-4
Four Ball Test welding load	620	kgf	ASTM D 2596
TIMKEN OK-load	45	lbs	ASTM D 2509
FZG A/2,8/50 - damage load step	>12		DIN ISO 14635-3 [LLS]
Specific wear	<0,2	mg/kWh	DIN 51354

LLS = LUBRITECH LABORATORY SPECIFICATION

Package size: 45 kg, 190 kg, 580 kg
others on request

As far as we know these information reflect the current state of knowledge and our research. They 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. Our products are continually being up-dated. We reserve the right, therefore, to alter the information of this product information at any time and without prior announcement.

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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