

## Product Information

## CEPLATTYN® KG 10 HMF-2500

### Description

CEPLATTYN KG 10 HMF-2500 is based on a chosen high viscous base oil with aluminium-complex soap as a thickener. The special additive package is free of heavy metals and chlorine. CEPLATTYN KG 10 HMF-2500 contains the purest and finest colloidal graphite. It does not contain solvents. By these characteristics, CEPLATTYN KG 10 HMF-2500 is pointed out to be an excellent product.

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

### Field of application

Due to the high base-oil viscosity and the cushioning effect, CEPLATTYN KG 10 HMF-2500 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.

CEPLATTYN KG 10 HMF-2500 serves as an operating lubricant for open running gear drives, running under extreme load conditions. Also for tooth flanks showing damages.

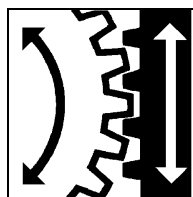
### Method of application

CEPLATTYN KG 10 HMF-2500 is sparingly applied by means of spraying systems.

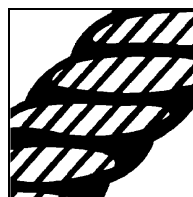
At temperatures below +5 °C, additional measures have to be taken to ensure the sprayability, for instance warming up. Consumption depends on the running conditions.

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

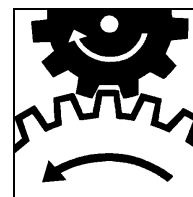
- **temperature range:**  
**+5 / +140 °C**
- **excellent anti-wear and anti-corrosion properties**
- **extreme adhesive properties**
- **high load capacity**
- **reduces friction and corrosion**
- **extensive chemical and thermal resistance**
- **water resistant**
- **excellent cushioning effect**
- **excellent stability of lubricating film**



racks



wire ropes



open gears

## Technical data

## CEPLATTYN KG 10 HMF-2500

Characteristics	Value	Unit	Test
Reference	OGPF00N+5		DIN 51502
Colour	black		
Temperature range	+5 / +140	° C	LLS
Temperature-constancy of lubricant film	+250	° C	
Thickener	Al-X		
Base oil viscosity [40°C]	2500	mm <sup>2</sup> /s	DIN 51562-1
NLGI-grade	0/00		DIN 51818
Dropping point	200	° C	DIN ISO 2176
Four Ball Test welding load	6500/7000	N	DIN 51350-4
TIMKEN OK-load	45	lbs	ASTM D 2509
FZG A/2,76/50 - damage load step	>12		DIN 51354 [LLS]
Specific wear	<0,2	mg/kWh	DIN 51354

LLS = LUBRITECH LABORATORY SPECIFICATION

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

All information given are to the best of our knowledge and in accordance with the current state of information and development work,  
but are subject to amendment without notice.