

# CEPLATTYN KG 10 HMF

## Sprayable adhesive lubricant for large open gears

### Performance Features

- Temperature range for use: -10 / +140°C
- Extremely high pressure resistance
- High scuffing load capacity
- Excellent protection against wear
- Very good corrosion-preventive ability
- Reduces tribocorrosion
- Forms adhesive lubricating film even at increased operating temperatures
- Can be applied with all common spray lubrication systems
- Good resistance to water
- Free from heavy metals, chlorine and solvents



Open gears



Toothed racks



Wire cables



Sliding surfaces

### Description

CEPLATTYN KG 10 HMF is based on a high-quality base oil, thickened with aluminium complex soap. The product contains colloidal graphite of the highest purity and fineness and in addition a carefully determined additive package, which is chlorine free and contains no heavy metals, together with adhesive additives. Together with CEPLATTYN 300 and CEPLATTYN RN, CEPLATTYN KG 10 HMF forms one of LUBRITECH's matched multiphase lubrication systems.

### Field of application

CEPLATTYN KG 10 HMF is used on the gear rim drives of tube mills, rotary kilns, dryers and crushers, which are to be found, i.a., in the raw materials industry or the power station sector. In addition CEPLATTYN KG 10 HMF is suitable for the lubrication of chains and heavily loaded sliding guides in rough operating conditions, e.g. in the

mining industry.

### Method of application

CEPLATTYN KG 10 HMF is handled using standard spray lubrication systems.

### Note

CEPLATTYN KG 10 HMF is approved from well known machine- and equipment manufacturers.

### Technical Data: CEPLATTYN KG 10 HMF

Characteristics	Value	Unit	Test Method
Reference	OGPF0-00N-10		DIN 51502
Colour	black		
Temperature range	-10 / +140	° C	LLS 134
Temperature range (dry film)	500	° C	LLS 134
Base oil	min		
Thickener	Al-X		
Solid lubricants	C		
Base oil viscosity [40 °C]	500	mm <sup>2</sup> /s	DIN 51562-1
NLGI grade	0-00		DIN 51818
Dropping point	> 180	° 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/2.8/50 - damage load step	>12		DIN ISO 14635-3
Specific wear	<0,2	mg/kWh	DIN 51354

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

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. 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.