

CEPLATTYN KG 10 HMF-2500

Highly-viscous sprayable adhesive lubricant for Open Gear drives, free of heavy metals and chlorine

Performance Features

- temperature range: + 5 / +140 °C; +40 / +280 °F
- excellent anti-wear properties
- outstanding adhesive properties
- very good corrosion protection properties
- high resistance to compression
- reduces tribocorrosion
- water-resistant
- excellent cushioning effect
- excellent stability of lubricating film



racks



wire ropes



Open Gears

Description

CEPLATTYN KG 10 HMF-2500 is based on an especially selected high-viscosity base oil with aluminium-complex soap as a thickener. Its special additive package, which is free of heavy metals and chlorine, together with its content of the purest and finest colloidal graphite and adhesion additives results in an exceptional performance. CEPLATTYN KG 10 HMF-2500 is free of solvents. CEPLATTYN KG 10 HMF-2500, CEPLATTYN RN and CEPLATTYN 300 represent the balanced system of the FUCHS LUBRITECH multi-phase lubrication.

Field of application

CEPLATTYN KG 10 HMF-2500 is especially suited for shock loads in heavy-duty applications because of its high base oil viscosity and the resulting good cushioning effect. The high content of solid lubricants guarantees temperature stability of the lubricating film, even beyond the normal temperature range. CEPLATTYN KG 10 HMF-

CEPLATTYN KG 10 HMF-2500 | 1000056-1 | 2016-10-26 | 1 / 3

2500 serves as an operating lubricant for Open Gear drives with extreme load peaks and especially in case of predamaged tooth flanks.

Method of application

CEPLATTYN KG 10 HMF-2500 is sparingly applied by commercially available spraying systems. At temperatures below +5 °C / + 40 °F, additional measures have to be taken to ensure the sprayability, for instance heating. Consumption is subject to the operational requirements.

Technical Data: CEPLATTYN KG 10 HMF-2500

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Reference	OGPF0-00N+5		DIN 51502
Colour	black		
Temperature range	+5 / +140	°C	LLS 134
Temperature range	+40 / +280	°F	LLS 134
Base oil	min		
Thickener	Al-X		
Solid lubricants	C		
Base oil viscosity [40 °C]	2.500	mm ² /s	DIN 51562-1
Base oil viscosity [100 °F]	14.000	SUS	DIN 51562-1
NLGI grade	0-00		DIN 51818
Dropping point	180	°C	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
Specific wear	<0,2	mg/kWh	DIN 51354

LLS = LUBRITECH 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. 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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