

CEPLATTYN 300

Primer for large Open Gears and for the lubrication of toothed racks and sliding surfaces

Performance Features

- temperature range of lubricant film: -30 / +250 °C
- dry film up to +500 °C
- excellent adhesion
- outstanding protection against wear
- protects against corrosion
- forms a solid lubricant film under pressure
- forms a "dry" lubricating film, which repels dust
- water-resistant



Open Gears



chains



racks



wire ropes



sliding surfaces



anticorrosive

Description

CEPLATTYN 300 is a high-graphite adhesive lubricant based on a selected base oil and contains EP additives and tackiness improvers. CEPLATTYN 300 is free of bitumen, heavy metals and solvents. In combination with CEPLATTYN RN and CEPLATTYN KG 10 HMF, CEPLATTYN 300 represents the FUCHS LUBRITECH multi-phase system.

Field of application

CEPLATTYN 300 is recommended as primer for large Open Gears, gear racks and sliding surfaces. It is also used as an assembly paste for screws/bolts and pins. It is also suitable for wire rope lubrication and preservation as well as in steel hydraulics construction for chains, sliding surfaces, and gear tooth systems.

Product Information



LUBRITECH
Special Application Lubricants

Method of application

CEPLATTYN 300 is applied manually on clean surfaces. Do not use in centralised lubrication systems!

Note

CEPLATTYN 300 is approved for underground mining by the Arnsberg District Authority, Dortmund, approval reference number: 84.12.22.63-2-1. Also available in aerosol cans as CEPLATTYN 300 SPRAY (German Railway material number DB Mat.-Nr. 00106169).

Technical Data: CEPLATTYN 300

Characteristics	Value	Unit	Test Method
Colour	black		
Temperature-constancy of lubricant film	-30 / +250	° C	LLS 134
Dry lubricating film up to	+500	° C	LLS 134
Base oil	min		
Thickener	Al-X		
Solid lubricants	C		
Base oil viscosity [40 °C]	1300	mm ² /s	DIN 51562-1
NLGI grade	1-2		DIN 51818
Dropping point	>200	° C	DIN ISO 2176
Four Ball Test welding load	6000/6500	N	DIN 51350-4
Almen-Wieland scuffing load	>18	kN	LLS 060
Tannert friction coefficient	0,102		LLS 063
FAFNIR friction loss properties	very good	qual. rating	LLS 066
Erichsen screw test [M10x60 Fv = 30 kN]			LLS 068
Thread friction value	0,07		
Top friction value	0,1		
HT screw test [M 12x60, 24 h, 70 Nm MA]			LLS 123
Temperature	350	° C	
Loosening torque ML	80	Nm	

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

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Product Information



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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!
E-Mail: info@fuchs-lubritech.de