

# **FUCHS** Special Applications **CEPLATTYN GT**

The ultimate  
Open Gear Lubricant

**MOVING YOUR WORLD**





## FUCHS LUBRICANTS GERMANY

We do not just develop lubricants. We develop intelligent solutions for highly complex challenges.

To this end, we have pooled our expertise and experience from a wide range of application areas: FUCHS SCHMIERSTOFFE and FUCHS LUBRITECH became FUCHS LUBRICANTS GERMANY. Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable. Today and tomorrow.

What can we move for you?

## FUCHS LUBRICANTS GERMANY

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### Facts and figures

**Company:** FUCHS LUBRICANTS GERMANY GmbH,  
a company of the FUCHS Group

**Locations:** Based in Mannheim, with sites in  
Bremen, Dohna, Hamburg, Kaiserslautern, Kiel and Wedel;  
approx. 1,400 employees

**Product range:** A full range of more than 3,000 products  
for all application areas

**Certifications i. a.:** ISO 9001, IATF 16949, ISO 14001,  
ISO 45001, ISO 50001, ISO 21469, HALAL, KOSHER  
(detailed certifications at [www.fuchs.com/de/en](http://www.fuchs.com/de/en))

**CO<sub>2</sub> neutral production\***

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Since 1931, we have been pursuing the same goal: to keep the world moving. With innovative and technological lubricant solutions that have a sustainable impact on the future. Unconditional reliability is our top priority, it is the foundation of our company and basis for everything that defines us.


Reliability is both a driver and a demand. And it's a promise to all our customers in the fields of automotive suppliers and OEMs, mechanical engineering, metal processing, mining and exploration, aerospace, energy, construction and transport, agriculture and forestry, as well as the paper, steel, metal, cement, forging and food industries, but also qualified lubricant dealers, car dealerships and workshops.

Long-term experience, high development strength and the fulfillment of far-reaching standards are the basis for the special quality of our world-leading product brands. We deliver solutions that are simply more efficient and therefore more sustainable. We always think in holistic solutions. For the development of individual solutions, we enter into an intensive customer dialog with you. This is the way we live up to our claim of moving your world.

### MOVING YOUR WORLD

\*Partially also based on compensation





*'When using heavy machinery like we do, perfection is needed in every dimension. CEPLATTYN GT delivers that perfection – and even more!'*



## High tech for heavy duties.

CEPLATTYN GT – the next generation of Open Gear lubricants made from decades of experience.



### Highly sophisticated. High performance. The highest satisfaction.

CEPLATTYN GT is state of the motion. It combines the benefits of commonly used graphitated products and high-viscosity fluids and thus takes Open Gear lubrication to a new level. As opposed to conventional fluids, CEPLATTYN GT develops a thick lubrication film on the tooth flank which does not flow off and still adheres to the tooth surface even after a long downtime of the drive. CEPLATTYN GT itself has a light colour as it consists of a synthetic base oil and a combination of white solid lubricants. The highly viscous CEPLATTYN GT contains flame-retarding substances that prevent self-ignition, e.g. on the hot kiln shell.



### No job is too tough for CEPLATTYN GT.

Its development focused on meeting the requirements of e. g. slow and hot running kiln gears in the cement industry as well as high-powered gears of SAG mills in the mining industry, for example.

### CEPLATTYN GT has an add-on that no one else can offer: our service.

CEPLATTYN GT does not only impress with its features alone, but also with great FUCHS service. Our local experts support you with their broad cross-process expertise and on-site technical consultation and repairing Open Gears. Thus performance, efficiency and process reliability of your entire application is guaranteed.

**You See: with CEPLATTYN GT you not only decide for a superior lubricant, but for a whole lubrication program that keeps your business running!**

## CEPLATTYN GT – the newest member of the extraordinary CEPLATTYN family.

### We keep advancing to new levels.

This is why we at FUCHS invented the lubricants of the CEPLATTYN GT range and added them to our portfolio of Open Gear lubricants. Wherever high transmission of forces is required, CEPLATTYN GT reduces the wear on your systems to a minimum, thus maximizing the reliability and safety of your equipment.

### Advantages of CEPLATTYN GT in short:

- **excellent wear protection of your gear**  
proven and verified by practical tests
- **reduced costs**  
because of lower consumption compared to other lubricants
- **reduced complexity**  
one lubricant for all Open Gears
- **minimized risk of damage after downtimes**  
adheres to cold and hot tooth flanks thus ensuring safe start-ups
- **outstanding emergency running properties**  
extra protection while operating in the boundary friction range e.g. for slow running gears
- **high safety**  
flame-retarding additives prevent self-ignition, e.g. on the hot kiln shell



## Specializing in specific solutions: the range of CEPLATTYN GT.

Our mission: together with equipment manufacturers, we develop innovative Open Gear lubricants for kilns and mills. With CEPLATTYN GT we offer a whole range of special lubricants. We always strive for the best application-specific solutions – and thus achieve running times of 40 years and more. Sound great? It is!

### Superior in every stage of MULTI-PHASE LUBRICATON

Product	Description	Field of application	Method of application
<b>CEPLATTYN GT P</b>	Priming lubricant with white solid lubricants	Used as priming lubricant for Open Gears	By spatula, brush or non-fiber cloth onto previously cleaned surfaces
<b>CEPLATTYN GT RN</b>	Sprayable running-in lubricant for Open Gears	Used to smoothen the tooth surface of newly installed girth gears or pinions and for optimizing the load-carrying pattern	By automatic spraying systems
<b>CEPLATTYN GT 3</b>	Increased-viscosity adhesive lubricant with white solid lubricants for Open Gears	Especially for application on Open Gears in critical operating conditions	Suitable for the application in bath and circulation systems
<b>CEPLATTYN GT 10</b>	High-viscosity adhesive lubricant with white solid lubricants for Open Gears	Especially for Open Gears under critical operating conditions, such as slow-speed kiln drives with increased tooth flank temperatures, mill drives with extreme drive power, and drives frequently operated under start-stop conditions	Suitable for the application in baths and spraying systems
<b>CEPLATTYN GT 30</b>	Extremely high-viscosity adhesive lubricant with white solid lubricants for Open Gears	Especially for Open Gears under critical operating conditions, such as slow-speed kiln drives with increased tooth flank temperatures, mill drives with extreme drive power, and drives frequently operated under start-stop conditions	Suitable for the application in spraying system

\* For more detailed technical information have a look at our Lubrication, Maintenance and Service for Open Gears brochure and ask for product and safety data sheets.



*'We do not only rely on the superior quality of CEPLATTYN GT, but also on the extraordinary service that comes with it!'*





## Our customers call it the best service they have ever had. We call it 'embedded working'.

Commitment, confidence, reliability – as an Open Gear lubricant, CEPLATTYN GT offers so much more! With a unique Open Gear package, you can also benefit from superior service.



For drive units lubricated with CEPLATTYN GT, our service engineers carry out regular inspections throughout the entire service lives. They inspect the general operational status and check the spray system. In addition, the service engineers take extensive measurements (vibration, tooth-flank temperature) and carry out dynamic checks by infrared video thermography. All this information is recorded in the FUCHS LUBRICANTS INSPECTOR.

Repairing damaged tooth flanks on Open Gear drives is part of our extended service. Such repair work is primarily a matter of the mechanical treatment such as grinding pittings, smoothing scuffings, and assistance with alignment of the Open Gears. On heavily worn-out or damaged tooth flanks FUCHS can provide complete reprofiling of the entire gear set.

That's state-of-the-motion service!



### All statistics at a glance: with the FUCHS LUBRICANTS INSPECTOR

Efficiency and convenience finally combined: with the FUCHS LUBRICANTS INSPECTOR, FUCHS offers app-based documentation with integrated, graphical trend analysis, which enables you to retrieve relevant information online and about the lubricants used at any time.

The Open Gear service, combined with the online provision of inspection reports, is a further step towards being able to operate Open Gear drives reliably.

A man with grey hair, wearing a dark blue button-down shirt, is sitting at a desk. He is looking down and writing in a white notebook with a pen. His left hand is resting on the desk near a laptop. The background is a bright, modern office with large windows. A dark blue text box is overlaid on the image, containing a quote.

*'For me as a procurement manager, CEPLATTYN GT ensures high performance and even reduces costs.'*



## CEPLATTYN GT: delivers the lowest possible total costs. Assured!

We know that even when the Open Gears in your company work with an enormous power of 16 MW, the pressure the procurement department works under is nonetheless immense. The good news is that even in this case, CEPLATTYN GT presents the ultimate solution.



The superior lubrication quality of CEPLATTYN GT leads to reduced wear, vibration and maintenance efforts and therefore increased efficiency. That's why our customers not only love to work with it, but also love to calculate with it.

Reassuring, isn't it?



Image: ThyssenKrupp Industrials Solutions AG

### **The best way to save costs is to minimize downtimes.**

Do you want to prevent unexpected shutdowns and keep efficiency high? Thanks to CEPLATTYN GT and the service that comes with it, your machines will work better – and longer. Together with gear and machinery manufacturers, we keep pushing the development of innovative adhesive lubricants for Open Gears even further. The results of these are evident on both the machines and the cost reports.

### **CEPLATTYN GT lubricants pay off. Just ask one of our satisfied customers.**

Once you switch to CEPLATTYN GT, there will be no need for any other lubricant any more. That's because customers are satisfied through and through, from the production and maintenance teams to the purchasing department. Overall efficiency goes up for Open Gears, while lubricant and energy consumption goes down. Give it a try and experience for yourself what CEPLATTYN GT can do for you.

## The full range of CEPLATTYN: designed to meet individual requirements.

### CEPLATTYN has been raising the bar. For years.

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Whether lubrication is required on highly stressed or pre-damaged gear drives, under arctic conditions or in high-temperature environments, FUCHS offers the right lubricant.

The CEPLATTYN range of Open Gear lubricants consists of a variety of products, each one designed to meet the individual requirements of an application.

Lubrication with the FUCHS CEPLATTYN range of products fully meets the tough tribotechnical requirements. The first CEPLATTYN products were developed in the early 60s as the first sprayable, non-asphaltic adhesive lubricants. The brand name has been a synonym for high-quality and reliable Open Gear lubricants ever since.

**Challenge us:**  
Talk to our experts to find out the perfect choice for your lubrication requirements.





For your notes

Lined area for notes with 20 horizontal blue lines and a vertical margin line on the left.







# Experience what CEPLATTYN GT can do for you.



Contact:

## Questions? Comments? Orders?

We are happy to help.

Your personal FUCHS customer consultant awaits your call!

Get in contact:

[ceplattyn@fuchs.com](mailto:ceplattyn@fuchs.com)

FUCHS LUBRICANTS GERMANY GmbH

Friesenheimer Str. 19

68169 Mannheim/Germany

Phone +49 621 3701-0

[zentrale-flg@fuchs.com](mailto:zentrale-flg@fuchs.com)

[www.fuchs.com/de](http://www.fuchs.com/de)

The information contained in this product information is based on the experience and expertise of FUCHS LUBRICANTS GERMANY GmbH in the development and manufacturing of lubricants, and represents the current cutting edge. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pretreatment, possible external contamination, etc. For this reason, universally valid statements about the function of our products are not possible. Our products must not be used in aircraft/spacecraft or their components, unless such products are removed before the components are assembled into the aircraft/spacecraft. The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS GERMANY GmbH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care. Our products undergo continuous improvement. We therefore retain the right to change our product range, the products and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid. Any form of reproduction requires express prior written permission from FUCHS LUBRICANTS GERMANY GmbH.

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