



Lubricants –  
Magnesium  
Greases



Lohtragon®

Crystallizing Solutions

## Superior Magnesium Greases with Lohtragon® Thickeners

### Control the Viscosity of your Magnesium Grease for Optimum Performances

Lubricating greases' efficiencies are highly affected by their thickening systems. Therefore, the selection of the viscosity modifier is crucial for the final performance of your particular magnesium grease formulation. These greases are well-suited for a wide range of applications, particularly those in wet environments and under high temperatures, such as marine settings, heavy industrial machinery, and automotive wheel bearings.



Lohtragon® C46, our magnesium oxide based thickening agent, is characterized by its effectiveness in the saponification process. Its exceptional purity and special particle dynamics – based on a unique manufacturing process – make it an essential thickening component in your individual grease formulation, offering several valuable benefits:



#### Enhanced grease performance and quality

- ◆ Enhanced viscosity control, that can be adjusted very specifically to your formulation
- ◆ Superior performance in wet environments and in high temperature settings
- ◆ High product reliability with long-term stability
- ◆ Maintains consistency even under mechanical stress
- ◆ Protection of equipment by extending machinery life through reduced wear and corrosion
- ◆ Optimized process efficiency due to optimized grease properties



#### Regulatory compliance and safety

- ◆ Adhere with regulatory standards – today and in evolving regulatory environments
- ◆ Increase safety: trust in a harmless, highly compatible thickening agent enabling mild production conditions and high grease safety



#### Alignment with environmental sustainability targets

- ◆ Commitment to sustainability, aligning a product carbon footprint with your targets
- ◆ Co-friendly operations: reduce environmental impacts while contributing to a more efficient resource consumption

### Zoom into our Lohtragon® C46 Portfolio

| Lohtragon® Type           | Used substance  | Product description                                       |
|---------------------------|-----------------|---|
| Lohtragon® C46   Type 353 | Magnesium Oxide | powder   chemically pure                                  |
| Lohtragon® C46   Type 175 | Magnesium Oxide | powder   purity acc. to E 530   suitable for food contact |

With your requirements being specific, partner with us to experience the benefits of Lohtragon® additives and take advantage of our tailor-made solutions designed to meet your unique industry needs. Our team of experts is ready to support you, assisting to ensure your product's success – [get in touch with us!](#)

## Superior Magnesium Greases with Lohtragon® Thickeners

### Enhance Your Grease Formulation to Stay Ahead: Select Lohtragon® C46

Elevate your magnesium grease formulation with our Lohtragon® C46 thickening agent. The additive plays a crucial role in enhancing stability and consistency while maintaining optimal viscosity levels under varying temperatures and shear stresses. It also offers excellent protection against wear and corrosion, making it a key component for advanced lubrication technologies. Leveraging our expertise in manufacturing metal salts, Lohtragon® C46 is produced under stringent quality controls, supported by innovation and R&D.

Lohtragon® C46 stands out as a superior viscosity modifier, known for creating stable, high-performance, and efficient greases, while also supporting regulatory compliance and sustainability goals.

[Connect with us](#) and advance your Magnesium grease formulation with the ideal thickener: Lohtragon® C46!

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## Contact Us



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### Lohtragon® – A Brand of Dr. Paul Lohmann®

For over 135 years, the company Dr. Paul Lohmann has been able to establish and maintain its leading position as an international manufacturer of mineral and metal salts that meet the highest quality standards. The product range includes over 400 different salts, from Aluminum to Zinc, in a total of over 7,000 different specifications. Dr. Paul Lohmann® supplies its specialty salts worldwide to customers in the pharmaceutical industry, food sector, food supplements, cosmetics and – under the Lohtragon® brand – to customers in industrial applications.

Lohtragon® stands for unique competences in manufacturing, optimizing and developing metal salts for a broad variety of industrial market segments. Established in diversity, tailor-made for you, your application and your process - our solution for your challenges!

#### Established Products

By choosing Lohtragon® products, you benefit from direct manufacturer sourcing and our "Made in Germany" quality and reliability promise.

#### Joint Developments

From concept phase to tailored product optimization, we are your partner to solve any development challenge.

#### Expert Services

Rely on services from our application technology, regulatory affairs, logistics, quality departments and more. We fully support you in all areas.