



ADDINOL High-performance lubricants
Made in Germany



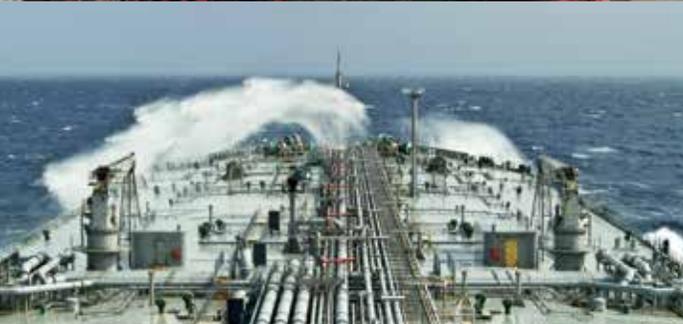


ADDINOL[®]
THE ART OF OIL • SINCE 1936



The world's largest bucket-wheel excavators – lines producing 750 metres of plastic film per minute – trucks of enormous sizes – automobiles reaching their destination anywhere and anytime –

**they all have one thing
in common ...**





ADDED VALUE

With high-performance lubricants

Page 6



RESEARCH & DEVELOPMENT

Our core competence

Page 8



QUALITY

Made in Germany

Page 10



EXEMPLARY

Filled, packed, stocked and shipped

Page 12



WORLDWIDE

ADDINOL distributor partners and premium service

Page 16

... they are being operated with ADDINOL high-performance lubricants!

They bear the seal “Made in Germany” representing quality, efficiency and precision and standing for products of outstanding performance and reliability.

ADDINOL Lube Oil GmbH is one of the few medium-sized companies in the German mineral oil industry acting independently of any large business group and has worldwide distributor partners in more than 90 countries and on all continents.

Our high-performance lubricants are design elements reflecting the most recent state-of-the-art. They create added value in the long run – tailored to the latest technologies and to the requirements of our customers, developed with our know-how and in close cooperation with leading OEM and research institutes. Added value in many respects!

ADDINOL high-performance lubricants reach operating lives above the average, protect against wear and extend the lifetime of the lubricated components. Furthermore, they are highly effective tools for saving energy and increasing plant efficiency. They help conserving resources and reducing operating costs!

With our high-performance lubricants we provide ultimate solutions even for the biggest lubrication-related challenges.

High-performance lubricants with added value, excellent technical service, our understanding of customer needs and our commitment – they make up the ADDINOL corporate identity.

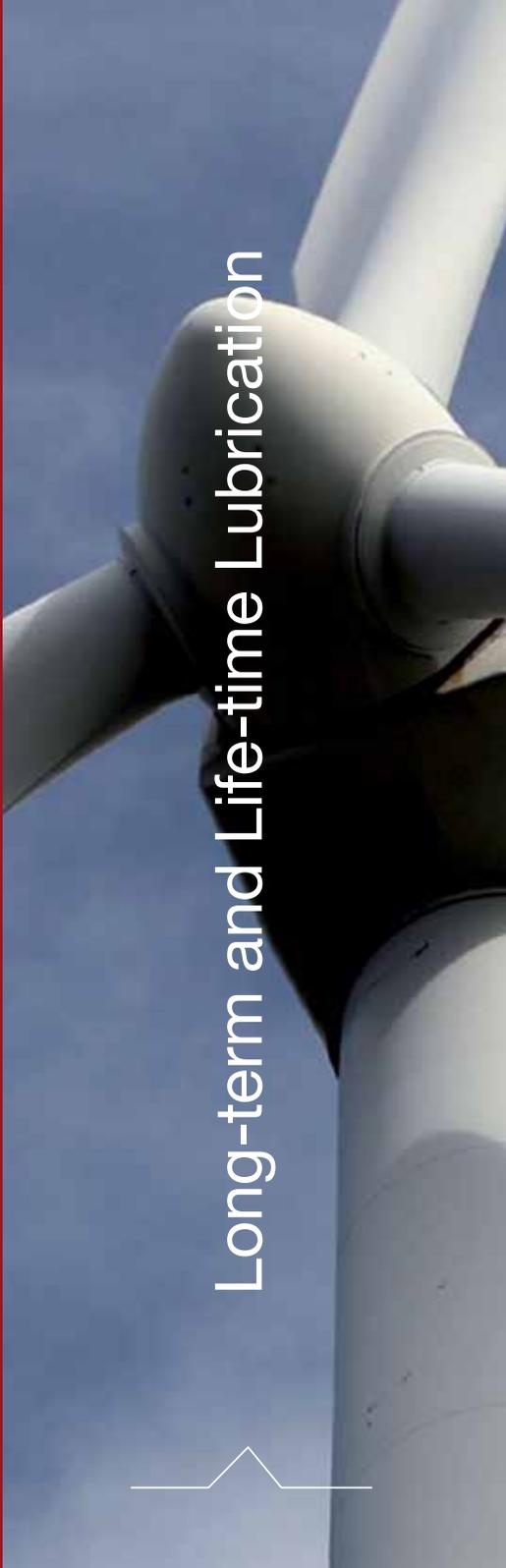
Welcome to the world of ADDINOL!

Georg Wildegger, General Manager ADDINOL Lube Oil GmbH



Georg Wildegger

A handwritten signature in black ink that reads "Wildegger". The signature is written in a cursive, flowing style.

A close-up photograph of a white industrial robotic arm against a blue background.

Long-term and Life-time Lubrication

A white line graphic consisting of a horizontal line with a small upward-pointing triangle in the center.A close-up photograph of several interlocking blue gears, showing their teeth and the circular patterns on their surfaces.

Increased Energy Efficiency

A white line graphic consisting of a horizontal line with a small upward-pointing triangle in the center.A close-up photograph of several green water droplets on a green surface, with a blurred background of more greenery.

Improved Environmental Sustainability

A white line graphic consisting of a horizontal line with a small upward-pointing triangle in the center.A close-up photograph of a microscope slide with a blue liquid being dispensed from a pipette onto it, creating small droplets.

Precondition for New Technologies

A white line graphic consisting of a horizontal line with a small upward-pointing triangle in the center.

Lubricants lubricate, protect, cool, seal and clean. In some applications, they are even used for power transmission. ADDINOL high-performance lubricants perfectly master these typical tasks. At the same time, our quality lubricants “Made in Germany” have an enormous potential for the efficient utilisation of energy as well as reduction of energy consumption. Some of the technical innovations are even only possible with the help of our high-performance lubricants.

Applications might differ vastly – For all of them ADDINOL high-performance lubricants offer significant added value!



Long-term and life-time lubrication

Oil is not a renewable resource – therefore we aim for achieving considerably extended operating lives of our lubricants. High-performance gear oils of our ADDINOL Eco Gear range, for instance, ensure reliable operation of gears in industry and wind turbines over many years. And the operating lives of ADDINOL gas engine oils exceed the intervals of conventional gas engine oils by up to 50 %.

Increased energy efficiency

We constantly improve characteristics of our high-performance lubricants related to plant efficiency and performance. By using our innovative high-performance lubricants in industrial applications, operating costs can be cut significantly. And last but not least, fuel-efficient engine oils have been successfully reducing both fuel and oil consumption of automobiles for many years.

Improved environmental sustainability

We are particularly committed to the protection of our environment. With this in mind, we offer a comprehensive range of innovative, sustainable lubricants for sensitive applications. Hydraulic fluids and chain saw oils as well as mould release oils for construction industry should be mentioned in this context. They do not only offer superior biodegradability but at the same time provide the extraordinary performance of a high-performance lubricant.

Precondition for new technologies

Quite a number of ADDINOL high-performance lubricants are customised and there are many technical applications that would not work without them. This especially applies to engines with modern exhaust treatment and their respective automotive lubricants. Furthermore, there are industrial gears with state-of-the-art surfaces of highest quality – these require specifically designed gear oils such as ADDINOL Eco Gear W for their operation.





Unique skills, experience and technologies of a lubricant manufacturer are of particular importance when it comes to research and development. Innovations designed in our laboratory have direct impact on function and efficiency of the components to be lubricated.

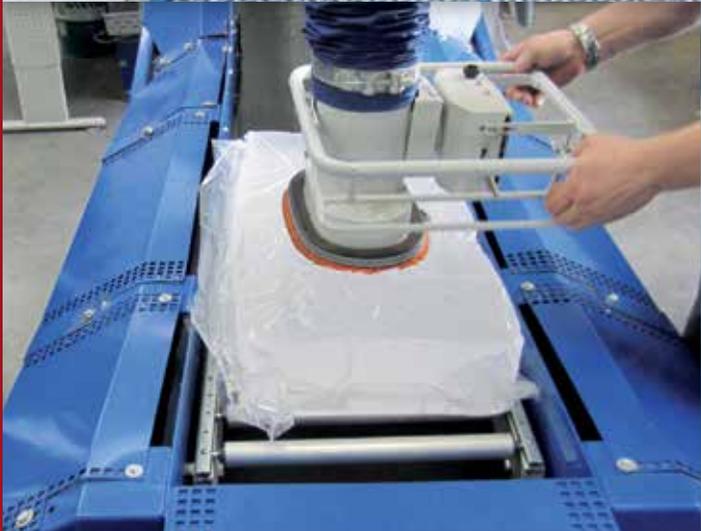
Quality and outstanding features of our high-performance lubricants stand for the success of our company – and have done so for 80 years.

Shortly after the foundation of the company in 1936 the first in-house laboratory was established. It has been pointing the way ever since. Until today we have been following this long-standing tradition of developing state-of-the-art lubricants; we continuously strengthen our expertise and keep setting standards.

The laboratory at our headquarters in Leuna is equipped with high-tech instruments for analysis as well as a selection of technical equipment for in-house examination. Under these optimum conditions our experts prove their know-how every day. Thanks to close cooperation with our applications advice service, internationally leading OEM and research institutes they are always up-to-date on future trends and technology.

Pioneering ADDINOL high-performance lubricants are being developed that way. In their role as design elements reflecting the most recent state-of-the-art, ADDINOL high-performance lubricants reveal their full performance in symbiosis with engines, drives, chains, bearings and hydraulic systems.







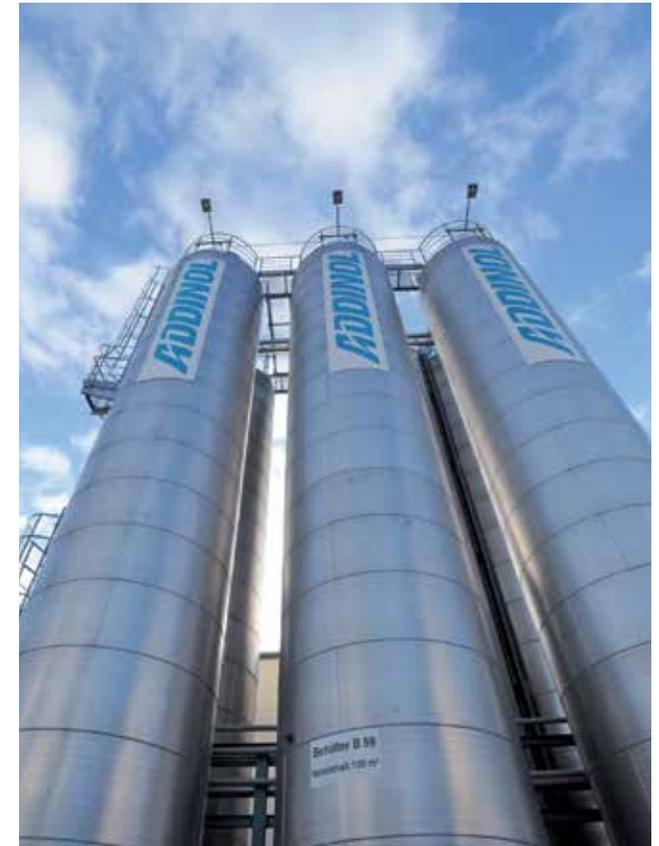
Companies all over the world trust and appreciate the quality seal “Made in Germany”. It represents quality, efficiency, precision and therefore products of outstanding performance and reliability. – The same applies to high-performance lubricants made by ADDINOL. We develop and produce our high-performance lubricants at the chemical site in

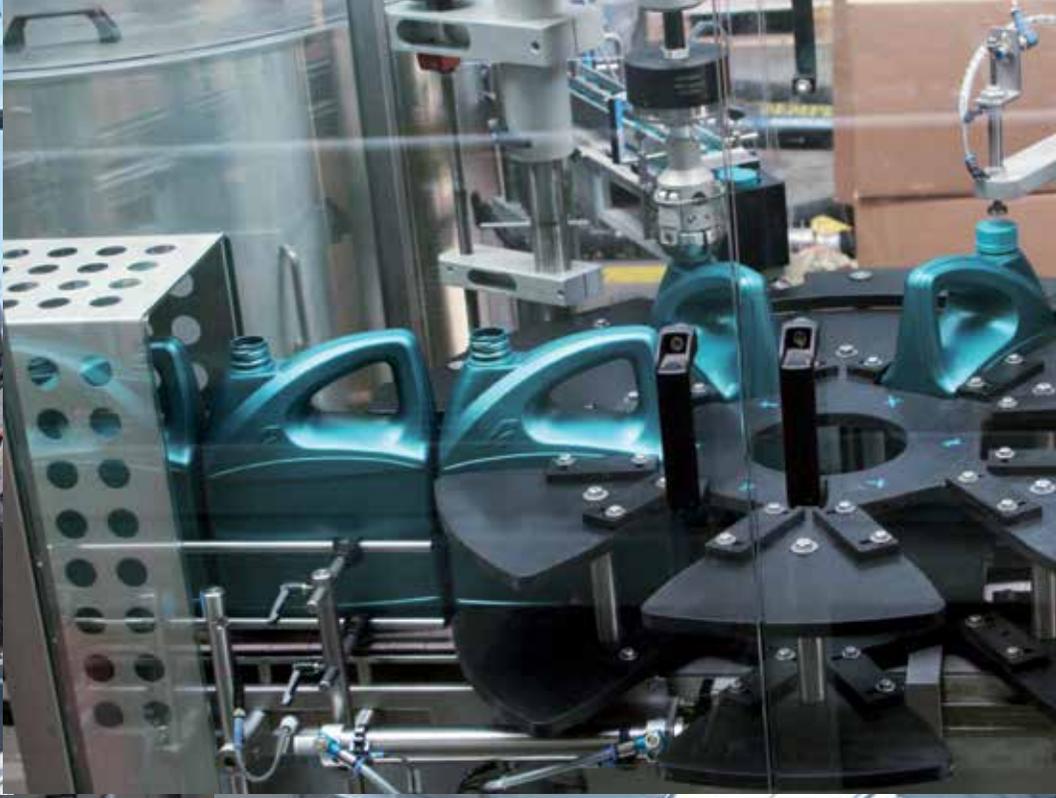
Leuna in the heart of Germany – in one of Europe’s most modern lubricant factories. Our quality and environmental management systems are certified by internationally recognised organisations. Our strict in-house quality standards are trendsetting and cover all activities and processes. It starts with a careful selection and evaluation of the raw materials used. Upon their delivery they undergo a severe analysis at our laboratory. Liquid raw materials pass an additional filter before they are being pumped into their respective tanks.

In order to avoid intermixture, every single raw material is stored in its individual tank. These tanks are equipped with their own filling and draining lines. Of particular importance is the conic construction of the tank bottoms. By the help of these, tanks can be emptied completely avoiding residues and settling of contaminants. This way highest product cleanliness is ensured.

Depending on the respective formulation base oils and additives are brought together into the blenders through separate lines. Then they are heated to their optimum production temperature before blending. Dosage of the components is carefully monitored by state-of-the-art technology.

After production, the finished product undergoes a comprehensive analysis at the laboratory before it is being released. Only after passing this examination successfully, the lubricants are being pumped into the storage tanks.







ADDINOL packing units are distinctive! They combine attractive design and perfect functionality. For their application at the customer the lubricants are filled into small cans, hobbocks, drums or containers; larger quantities reach their destination in tank cars.

Prior to filling, unit and pipes are flushed thoroughly and then the show begins. The new, empty and clean packing units are filled and packed at flexible stations. Filling quantity is adjusted exactly according to Euro standard. Each packing unit is provided with a safety lock and its respective label. After batch number and date of filling have been imprinted, both volume and the packing unit itself are checked again. In addition, the first packing unit of each batch undergoes a final examination including an analysis at the laboratory.

In the adjoining ADDINOL logistics centre our high-performance lubricants are stocked waiting to be dispatched to customers all over the world. With more than 3,000 pallet slots in high rack and block storage our logistic centre offers generous storage capacities.

Our ADDINOL portfolio comprises more than 650 different products. At our logistics centre they are waiting in customary packing units to be used in any application.





ADDINOL -
from Germany
into the world

➤ Worldwide – ADDINOL distributor partners and premium service



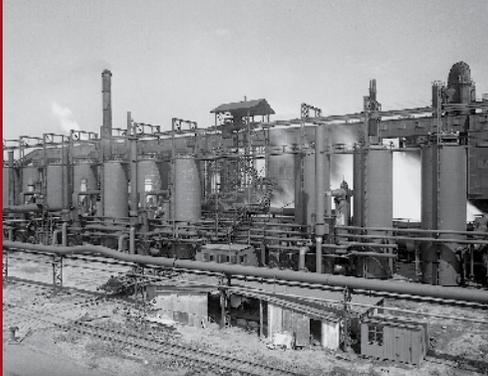
ADDINOL high-performance lubricants are being used in applications all over the world. In many cases they are decisive for operation. They are used in vehicles and machines of any kind, in various climates and often under extreme conditions.

ADDINOL does not only supply the most suitable lubricant for almost any application but at the same time offers premium service.

Our experts have comprehensive know-how on questions of tribology. They are familiar with production processes and the lubrication-related context of various sectors.

More than 50 percent of our ADDINOL high-performance lubricants are being exported. Our ambitious distributor partners promote our products and services in more than 90 countries. Taken together they make up an international network of experts. Based on comprehensive trainings and our technical support, they are up-to-date with latest technical know-how and support ADDINOL customers all over the world at highest level.

We all speak the language of our customers and provide individual advice. Welcome to the world of ADDINOL!



1936

The year of foundation

In Krumpa, not far away from today's site, the ground-breaking ceremony for the former Mineralölwerk Lützkendorf takes place.



1937 – 1938

Building of the plant

Planned production capacities: 75,000 tons of fuels and 50,000 tons of lubricants. Raw materials needed for production are obtained from coal through the Fischer-Tropsch process.



1939 – 1945

Record production and in-house laboratory

In 1939 a large in-house laboratory is established for research and development. 111,700 tons of raw materials are being processed in 1943.



1945 – 1948

Hard times and rebuilding

In spite of serious war damages production is taken up again in 1945 on order of the Soviet occupying power.



1949 – 1989

Leading lubricant manufacturer in the GDR

Following the foundation of the German Democratic Republic Mineralölwerk Lützkendorf becomes a nationally owned company.



1990

ADDINOL “Additives in Oil”

After the reunification of Germany the company changed its name to ADDINOL which had been the name of the most famous brand of the former Mineralölwerk Lützkendorf.



2000

ADDINOL in Leuna

The new headquarters at the chemical site in Leuna are opened, situated only a few kilometres from the former location.



2002

ADDINOL worldwide

High-performance lubricants made in Leuna are gaining ground. The company is represented by distribution partners on all continents.



2007 – 2011

ADDINOL expands

In summer 2007 the extended production and logistics centre is officially put into operation. Further tanks, warehouses and production lines are established. An in-house batch blender for producing viscosity index improvers starts operation.



2014

ADDINOL on the road to success, all over the world

In India ADDINOL Lube Oil India Pvt. Ltd. is founded, ADDINOL Russia celebrates its tenth jubilee. All over the world more than 90 distributor partners sell ADDINOL high-performance lubricants.



2016

ADDINOL celebrates its jubilee!

On time for the jubilee the ground-breaking ceremony for extending the administrative building takes place. In addition, ADDINOL invests in a new filling line for small cans.



ADDINOL Lube Oil GmbH
High-performance lubricants

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