

# Lubricants for Mining



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.



## Lubricants and Related Specialties



### Industrial Oils

FUCHS understands the importance of lubricants in air compressors, and power transmission applications.

In machine tool applications such as gear boxes, hydraulics and other systems, FUCHS' industrial lubricants achieve higher productivity, improve efficiency, and save energy.

Our line of rapidly biodegrading lubricants for outdoor use is more environmentally friendly than hydrocarbon-based lubricants.



### Greases

Specially chosen base oils, performance-based additives and thickeners are the basis for FUCHS' wide array of industrial and mobile equipment greases.

Lubricating greases are especially critical when used for lifetime lubrication. Rapidly biodegradable greases are an environmentally favorable alternative for sensitive applications.

FUCHS industrial lubricating greases are a balanced package that offers the ideal technical and economical solutions for all industrial and mobile equipment lubricating grease applications.



### Engine and Transmission Oils

FUCHS understands the demands of today's modern combustion engines and transmissions and works closely with major OEMs to develop technology that ensures reliable protection throughout the entire service life of their equipment.

To ensure smooth running, modern transmissions need high performance lubricants to protect from excessive wear and tear while ensuring smooth shifting.

Moreover, by prolonging replacement intervals it increases the oil quality requirements. FUCHS' comprehensive range of engine oils and transmission fluids carry a wide range of globally recognized OEM approvals.



### Environmentally Friendly Lubricants

Over 40 years ago FUCHS became one of the first suppliers of rapidly biodegradable lubricants for manufacturing processes.

Since then the company has invested in research and development, and training to develop products and processes to reduce the environmental impact of manufacturing processes.

We now share an unparalleled wealth of expertise and practical experience to successfully integrate environmentally friendly products into manufacturing processes. We professionally assess, recommend, and service programs to assure success.

**RENOLIN**  
**RENEP**  
**PLANTO**

**RENOLIT**  
**PLANTO**

**TITAN**

**PLANTO**

## Lubricants Overview

### A Worldwide Name, World Class Performance.

FUCHS Lubricants Co. has long been recognized within the mining industry as a leading innovator of lubricants designed for specialized applications in both underground and surface mining. As part of the worldwide FUCHS Group of companies - the largest independent manufacturer of specialty lubricants in the world - we offer the most complete selection of lubricants available from one source.

### MINING LUBRICANTS

#### SOLCENIC

The global leader in fire-resistant hydraulic fluids for longwall roof supports. Approved by CAT and Joy.

#### GEARMASTER

Synthetic gear oils with highly effective anti-wear and extreme pressure additive packages for all types of gearing with no heavy metals .

#### PLANTOFLUX

Biodegradable, self-extinguishing hydraulic oils. FM and MSHA approved.

#### RENOLIN CST 100

Designed specifically for Caterpillar CST conveyor drive systems.

### MINING GREASES

#### RENOLIT GREASES

Multi-purpose and specialty greases for all mining applications.

#### LSTO

This thixotropic semi-fluid grease reduces leakage and minimizes gear case failure due to loss of lubricant.

#### CEPLATTYN

It is suitable for the lubrication of open gear drive, chains and heavily loaded sliding guides in rough operating conditions in the mining industry.

#### CENTAK OG

Open gear compound for highly loaded gears on draglines and shovels. Meets Bucyrus and P&H specifications.

#### RENOLIT HD

Lithium complex grease with a patented additive system that provides greater than 800 kg 4-ball weld loads.



The leading supplier of high water-based longwall fluids in the world today, FUCHS' SOLCENIC Longwall Fluids are synonymous with quality and performance. FUCHS offers more products with more OEM approvals than the competition. Fuchs' SOLCENIC is backed up by service from specialists in underground mining to advise and assist the end-user.

**SOLCENIC**

FUCHS Lubricants

## Innovative lubricants need experienced application personnel

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS engineers will be glad to advise on products and process optimization for the application in question.



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