



MÖLLENBERG & SONNTAG
SCHMIERSTOFFE
SINCE 1946



PRODUCTS INTRODUCTION

SPECIALTY LUBRICANTS FOR CEMENT, STEEL & MINING INDUSTRIES

www.ms-schmierstoffe.de

COMPANY PROFILE

Möllenberg & Sonntag GmbH & Co.KG
in lubricants for over 50 years.

From a trading company over the years has been a manufacturer of industrial lubricants. More specialty lubricants have been developed.

Beginning of 1960, the first steps toward research and development of synthetic lubricants have been made, from which it is partly the MOLSYN oils emerged as the top quality lubricant.

Over the years, our lubricants are always evolving and today exported worldwide.

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PRODUCT RANGE FOR CEMENT, STEEL & MINING INDUSTRIES

- **Open Gear Lubricants**
- **Industrial Gear Oils**
- **Hydraulic Fluids**
- **Compressor Oils**
- **Multipurpose Greases**



OPEN GEAR LUBRICANTS

Priming lubricant

- **Moba G Comp 1-2**

Al-complex

Graphite compound for lubrication of loaded gears, gear racks, toothed edges, mechanical fill the so called "Roughness Valleys"

-20 +250°C

Running-in-lubricant

- **Moba GS 500-00**

Al-complex

NLGI- Grade: 00 / base oil viscosity at 40°C: 500 mm²/s

- 20 + 200°C

Service lubricant

- **Moba GS 500-0**

Al-complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 500 mm²/s

- 20 + 200°C

Very high thermal-pressure resistance

- **Moba GS 1000-0**

Al-complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 1000 mm²/s

- 20 + 200°C

Very high thermal-pressure resistance

- **Moba GS 2500-0**

Al-complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 2500 mm²/s

- 20 + 200°C

Very high thermal-pressure resistance

- **Moba GS 2500-00**

Al-complex

NLGI- Grade: 00 / base oil viscosity at 40°C: 2500 mm²/s

- 20 + 200°C

Very high thermal-pressure resistance

Rotary kiln / Continuous furnace

•Moba GS 1000-0

Aluminium complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 1000 mm²/s

- 20 + 200°C

•Moba GS 2500-0

Aluminium complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 2500 mm²/s

- 20 + 200°C

•Moba GS 2500-00

Aluminium complex

NLGI- Grade: 00 / base oil viscosity at 40°C: 2500 mm²/s

- 20 + 200°C

very high pressure resistance, high thermal stability,

• Moba GS 500-0

Aluminium complex

NLGI- Grade: 0 / base oil viscosity at 40°C: 500 mm²/s

- 20 + 200°C

suitable for automatic spray lubrication contains graphite

• Wälzerit PHPO-Z

Polyurea

High temperature grease for long-term lubrication of rolling

and plain bearings, lubrication temperature-load bearings in furnaces -30 +180°C

• T-Wälzerit

Bentonite grease

Hot-bearing grease for the lubrication of rolling and sliding

bearings at high bearing temperatures as in rotary furnaces,

charging crane at steel works - 15 + 150°C

• TA-Wälzerit G

Aluminium complex

for bearing lubrication in continuous furnaces (LOI GmbH), heavy

duty pressure and temperature, contain graphite - 20 + 150°C

• Gradislub SM

Colloidal dispersion of graphite in water

dry lubricant +100°C to +600°C, designed for rotatory kiln loose tyres

Industrial Gear Oils

Industrial Gear Oil / Mineral oil

- **GEKA-EP**

ISO VG Grades: 32 / 46 / 68 / 100 / 150 / 220 / 320 / 460 / 680 ISO VG

DIN 51517-3: CLP / CKC

Industrial gear oil / Synthetic (PAO)

- **GEAR- HP**

ISO VG Grades: 220 / 320 / 460 / 680 ISO VG

DIN 51517-3: CLP-HC / CKS

Fully synthetic high performance gear oils, based on PAO

Industrial gear oil / Synthetic (PG)

- **MOLSYN**

32- 1000 ISO VG

Fully synthetic high performance lubricating oils based on Polyglycol

- **MOLSYN 150 / 220 / 320 / 460 / 680-M / 1000-M**

Release Andritz Küsters 096.600/23

- **MOLSYN 220 EP / 460-M**

ISO VG 220 / 460

Release KKA-Kleinewefers for use in plastic calendars bearings

- **MOLSYN 1000M-EP**

ISO VG 1000

oRelease Krupp Polysius Ref. No 82 for use in cement-roll mills (operating oil)

oUsed for the lubrication of bearings in plastic calenders (Kleinewefers)

- **MOLSYN 1500-M**

ISO VG 1500

Release Krupp Polysius Ref. No 83 for use in cement-roll mills (operating oil)

ISO VG 1500

- **Spülmolsyn-M**

Release Krupp Polysius Ref. No 84 for use in cement roller mills (flushing oil)

- **MOLSYN 320M-EP**

ISO VG 320

Suitable for use in paper machine applications (FAG FE8 test run failed)

HYDRAULIC FLUIDS

Hydraulic fluids to the international ISO and DIN standards

HLP / HLP-D / HVL

ISO VG Grads: 32/46/68

COMPRESSOR OILS

Mineral oil based

Designation: DIN 51506 VDL

ISO Viscosity Class: 32/46/68/100/150

Multipurpose Greases

- **WÄLZERIT K2K**

LITHIUM SOAP

MULTIPURPOSE GREASE

-30 +120°C

- **WÄLZERIT K3K**

LITHIUM SOAP MULTIPURPOSE GREASE FOR ROLLING AND PLAIN BEARINGS

LUBRICATED WITH A GOOD SEAL

-20 +140°C

- **MOBA MZ EP2 LITHIUM SOAP**

MULTIPURPOSE GREASE WITH HIGH LOAD CARRYING CAPACITY

-30 +120°C

- **WÄLZERIT WR 2**

CA-SULFONATE-COMPLEX

MULTIPURPOSE EXTREME PRESSURE GREASE, DUST AND HUMIDITY

CONDITIONS SUITABLE FOR

-25 +180°C

- **WÄLZERIT PRSE/S**

LITHIUM SOAP LUBRICATION OF ROLLING AND SLIDING BEARINGS AT HIGH

SHOCK LOADS AND VIBRATIONS.

-30 +130°C

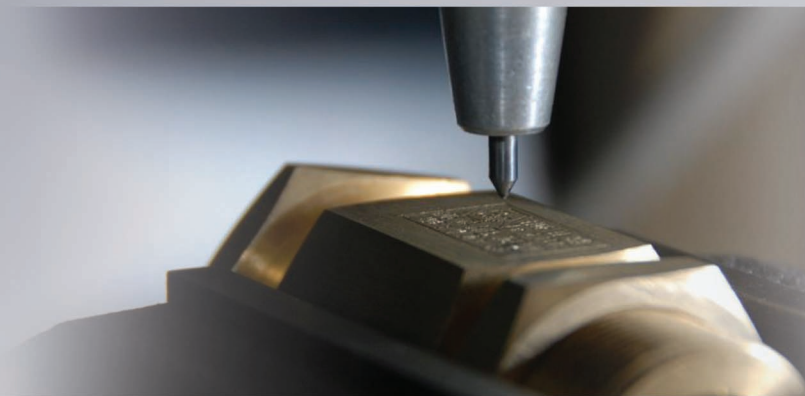
- **WÄLZERIT LC-EPLI-CA-SOAP**

LUBRICATION OF ROLLING AND SLIDING BEARINGS AT HIGH SHOCK LOADS UNDER

THE INFLUENCE OF MOISTURE -30 +130°C



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