



Your global lubrication partner

**LUBCHEM**  
LUBRICATION

Beyond limitation of advances in technology

# About Lubchem



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### Message to customers

In modern industry, the meaning of high performance lubricating business is more than just the production and supply in the market.

Today, specialty lubricants are equal to the essential and functional parts in automotive, machinery and production equipment or electrical and hydraulic components, gears and bearings and same to entire assembling process.

Thus, they are key element in the contribution to the reliability of the machine, the life of the design, productivity and value creation as well.

Since the company was established, based on the chemical and tribological technology, Lubchem have been trying to solve the most challenging lubricating problem.

Today, we have a good understanding of the stringent lubrication requirements that are ever increasing of functions with the most cost-effective issue and efforts expected to value creation.

Our greatest strength is in the optimization of continuous development, production and the applications of proper lubricants in most demanding industry.

Our corporate philosophy is offer to the optimized solutions to customer with well-listening the sounds of customer and understanding of most cost effective efficiency and minimizing impact to environment. We always welcome to new challenges and expect new applications, and also hope to our flexible hands to touch the customers. We believe that special lubricants should be used for the value creation with taking advantage of hidden huge potential.

We will use these potential to our customers and regard this as our final obligation.

Lubchem Co., Ltd.  
C.E.O Lee Sung Woo

## Company vision

# Vision

LUBCHEM was established in order to respond to customer's need which is demanding on high quality lubricants using knowledge base and export in global market.

Since foundation of company, we have been committed to providing our customers with eco-friendly products at reasonable price by the most economical method and currently, we have a leading role in the foreign exportation of lubricants based on accumulated Know-how.

We, Lubchem lubrication will be born again as the enterprise with international competitiveness by aggressive technology development and investment in high-performance lubricants.





Growing with customers

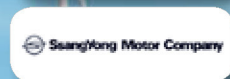
# Customers

In spite of the external economic difficult situation in the world for the last 10 years, Lubchem have led to remarkable progress in both quality and quantity thanks to one step ahead of technology and competitiveness through continuous investment and this result could not be found easily in other lubricant manufactures

Now, thanks to our continuous technology development, we could supply the lubricants that meet customer requirements by quickly and in entire industries with a reasonable price.

## Our customers

- ◆ Steel industry: Posco, Hyundai, Dongguk steel etc.
- ◆ Automotive industry: Hyundai & Kia motors, GM, GMB, Delphi, PH, Hwashin, Donghe, Central, SL, Iljin etc. and other vendors
- ◆ Electrical: Samsung, LG, Daewoo, Toshiba etc.
- ◆ Bearing: Schaeffler(LUK, INA, FAG), GMB
- ◆ Textile: textile machin makers and textile production, finishing factory
- ◆ Cement industry: Dongyang, Ssangyong, Asia, Hanlla, Sungshin
- ◆ Domestic wholesale and resellers
- ◆ Overseas distributors



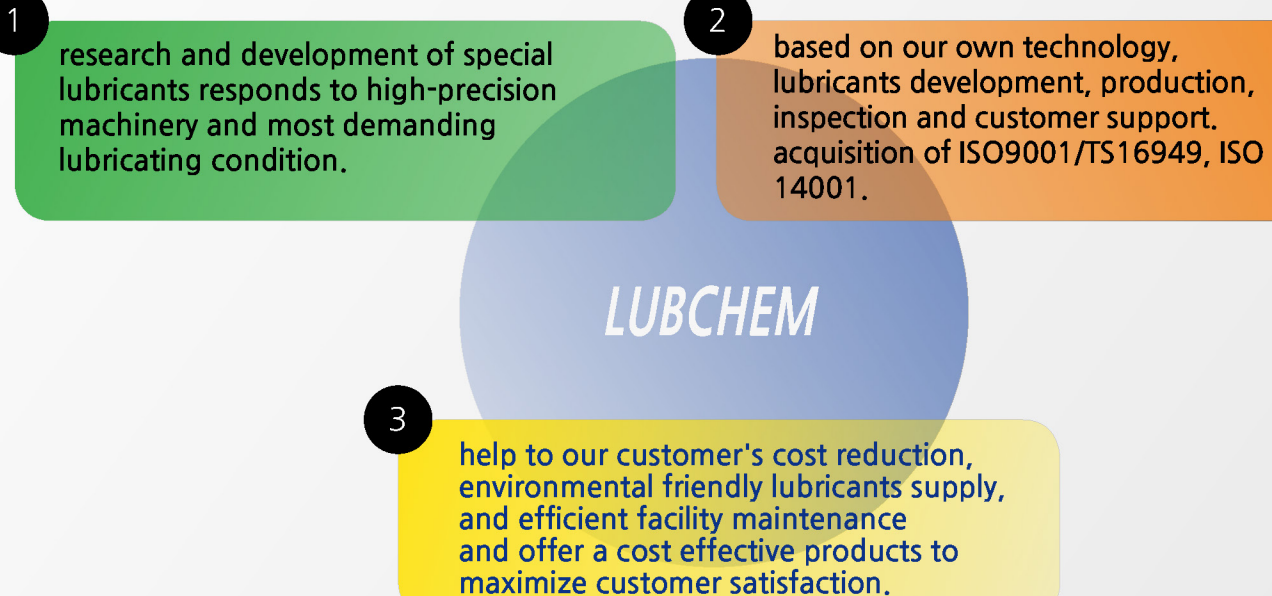


## Introduction

# Introduction

### Overview

We are committed to leading the lubrication industry and make an efforts to achieve technical independence on lubrication sector of the 21st century.



## History

2014

Transfer H.Q from Kyungbuk province to Daegu City

2013

Nominated for "a promising exportation S&M company" / "award of USD 1M"

2012

Nominated for "Good working condition company" by Ministry of Knowledge Economy"

2011

Obtained ISO 14001 certificate

2010

New factory completion and foundation of R&D institute

2008

Approved of Technology innovative SMEs

Approved of Business innovative SMEs

2007

Nominated for "a promising exportation S&M company"

Obtained ISO/TS 16949 certificate

2006

LUBCEHM VL 8063 USA FDA regulation pass

2005

Korean Industry regulation KS mark approved

2004

Approved "Good quality product mark"

Quality control system QS 9000 approved

2003

Nominated for Technology innovative enterprise and registered grease patent

2002

Verification of venture enterprise

2001

Nominated for Technology-intensive enterprise

2000

"LUBCHEM" registration of trade mark

1999

Obtained ISO 9001 quality system

1998

Establishment of Lubchem Korea Incorporation

## Introduction

# Introduction

### Production facility and capacity

1. Reactors - 5 machines

- ◎ 8,000LT
- ◎ 5,000LT
- ◎ 1,500LT
- ◎ 600LT
- ◎ 300LT

Monthly production capacity:4KT(2013year )

2. 3-rolls mill 5 machines

3. Homogenizer 2 machines

4. de-aerate machine and others

5. Boilers

6. 2 vacuum reactors

7. 2 mixers

8. 5 filling machines

### Testing equipment and rig-test

1. Testing equipment for oils and grease by ASTM and DIN standard and pilot research facilities

2. FT IR, Phase contrast microscope

3. 4-Ball tester

4. Automotive part test-rigs

- Control cables
- Window regulators
- Electric contacts

5. Friction and wear tester

6. Fretting corrosion tester

7. EMCOR, Rheometer, Hakke roto viscometer

8. Grease life-time tester

9. TGA and other analysis equipment







## Products for industry

SCOPE

Lubchem Korea produce various kind of lubricants which can be applied in most part of industry.



- Automotive industry
- Steel industry
- Cement industry
- Electrical and electronics field
- Environmental engineering
- Wood, pulp and paper industry
- Textile industry
- Food, beverage and pharmaceutical
- Metal working and machinery
- Rail traffic industry
- Conveyor and material handling
- Film stretching industry
- Ship building and marine industry
- Power planting
- Rubber and plastics
- Energy, wind power and alternative energies



## Portfolio of Lubchem special lubricants

- Oils: Multi-purpose gear oil, High-temperature synthetic gear oils, High and low temp. chain oils, intrinsic adhesive oils, Electrical contact oils, hydraulic oils, metal working oils, die-casting oils, textile and knitting oils, special purpose chain oils
- Greases: Rolling/plain bearing, high-speed, high and low-temp. greases and low-noise, low speed and high load grease, electrical contact greases, vibration absorption and plastic affinity greases, seal and valve greases etc.
- Pastes: Lubricating and assembling purpose pastes
- Fluids: Adhesive girth gear, small gear and fluid grease for gear box, assembling fluid, chains
- Compressor oils: Rotary screw, rotary vane and reciprocal type compressors

### Certificates:





## Contact us

# Contact us

New websites: You can meet and contact us on our new web sites.

www.lubchem.co.kr



www.lubeshop.co.kr



## Preparation for customers

Our biggest advantage is to maintain a close relationship with our customers and partners.

Above all, that is very important to develop the customized product development in specific time and solve a variety of lubrication problems in modern industry and technology.

Our experienced technicians are always ready to analyze customer's requirements immediately and supply the right lubricants and solutions within the shortest appropriate time.

Our door is always open for customers and welcomes your visit.

And we will listen to the valuable feedback from our customers and respect.

### ■ Factory

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### ■ HQ

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## **LUBCHEM LUBRICATION**

We will not stop any efforts to solve the lubrication problem eventually.  
When requested by the customer about lubrication problem, we will respond promptly and gladly offer our accumulated know-how until all issues are resolved.