



C.T.L. INTERLUBE

Product/Service Information

SUPPLIERS OF SPECIALIZED LUBRICANTS & CONSUMABLES TO THAI INDUSTRY.

CTL Interlube supply and service a wide range of internationally recognized lubricants and consumable products for the steel, manufacturing engineering, automotive and food processing industries. CTL Interlube can promptly deliver any line item from its warehouse and head office centrally located in Bigland Factory, Pathumtani.

CTL staff are fully supported by the companies they represent. This includes extensive product and application training undertaken locally and overseas to provide the customer with the right advice for increased productivity. Operating since 1992, CTL Interlube are exclusive suppliers for the following international companies in Thailand:

- /// Bechem—High-performance lubricating oils and greases for heavy industry.
- /// CIMCOOL Global Industrial Products—Metal working fluids for the engineering industry.
- /// OAK International—World leading fin and tube forming lubricants for the air conditioning industry.
- /// Cosma—Non-woven paper for liquid filtration.
- /// OKS—Speciality lubricants, maintenance products and corrosion preventatives.
- /// Dykem—Lay out fluid for static and dynamic contact tooth flank checking.
- /// M+W (MASCHINEN-UND WERKZEUGBAU GmbH) - Spare parts for the steel industry.
- /// RITE-LOK—Adhesive and sealants.
- /// Fundición Nodular—Manufacturers of rolls for rolling mills.
- /// CAL&C—Synthetic oils for industrial use.
- /// King Roller— Rollers for conveyor belts.

CTL INTERLUBE



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Bechem High-performance lubricating oils and greases for industry



Steel Industry

Heavy Load Greases
High Temperature Greases

Cement and Mining Industry

Open Gears
Hydraulic Units
Lubrication of Main Bearings at Roller Mills and Rolls
Heavily loaded gears

Electrical Contacts

Lubricants for Electrical Contacts

Food Industry

Multi-Purpose Lubricants

Automotive Lubricants

Motor Oils
Gear Oils
ATF Transmission Oils
Universal Oils

Chain Lubricants

High Temperature Range
Food Industry
Universal Oils

Construction Industry

Universal Greases
Adhesive Lubricants
Mould Release Agents
Oils for Pneumatic Tools

Machinery and Other Equipment

Multi-Purpose Oils
Gears Oils
Guideway Oils

Gas and Water Taps

Lubricants for Gas and Water Taps

Speciality Lubricants

Low Temperature Greases
Heat Sink Pastes
Oxygen Units
Silicone Lubricants

OXS, Speciality lubricants, maintenance products, corrosion

Pastes/Compounds—Safeguard assembly, running-in and emergency lubrication. Ease disassembly. Reduce friction. Protect against wear.

Oils/Fluids—Special lubricants for requirements beyond the performance range of conventional lube oils. Reduce maintenance and energy costs.

Greases—For high loads, low and high temperatures. Resistant to water and chemical attack. Providing high operational safety combined with long-life lubrication.

Bonded Coatings—Provide non-polluting, permanent dry lubrication where it is impracticable or unsuitable to use oils and greases.

MoS₂ Powders—For short-term dry lubrication and incorporation into components.

Penetrating Lubes

Silicones—For extremely broad temperature ranges and specific operating conditions.

Sliding Films and Release, colourless Agents

Corrosion Protection—Special products for temporary and long-term protection of highly valuable tools, spare parts, machine components and entire machines.



CTL INTERLUBE—COMPANY PROFILE

CIMCOOL Global Industrial Fluids is a MILACRON Inc. company specialising in a complete range of metal working and metal forming fluids, process cleaners and corrosion inhibitors. CIMCOOL has a long history as a metalworking fluid supplier as part of CINCINNATI MILACRON. Since 1945, MILACRON has been internationally recognised as an industry leader with high Performance CIMCOOL Metalworking fluids.

CIMTECH[®]— Synthetic metalworking fluids.

CIMSTAR[®]— Semi synthetic metalworking fluids.

CIMPERIAL[®]— Premium soluble oil metalworking fluids.

CIMCOOL[®]— Specialty products CIMTAP & CIMTAP II.

QUANTALUBE[®]— Super soluble oils to replace straight oils.

CIMCLEAN[®]— For machines, parts and floors.

CIMGUARD[®]— Corrosion inhibitors.

MILPRO[®]— Straight metal working oils.

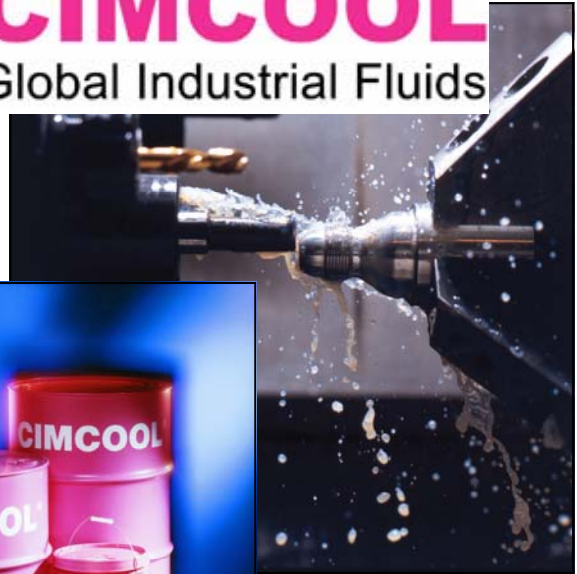
MILFORM[®]— Water soluble forming fluids.

MILDRAW[®]— Stamping and drawing fluids.



CIMCOOL

Global Industrial Fluids



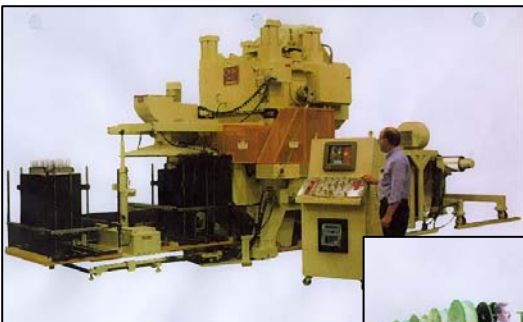
OAK INTERNATIONAL



Oak International is a world leader in lubrication technology for fin stamping and tube bending. Acquired by MILACRON Inc. in 1999, Oak International continue to develop unique lubricant solutions to optimise the manufacture of components for the air conditioning industry.

OAK DRAW— Evaporative lubricants for both fin and tube. Suitable for all collar heights on all materials. Retain Freon compatibility to remove wash requirement. One product for all operations including hairpin bending and tube expansion. Operator friendly and used throughout Europe, the America's and now available in Asia.

OAK KLEEN— Water soluble cleaners for coils and return bends.

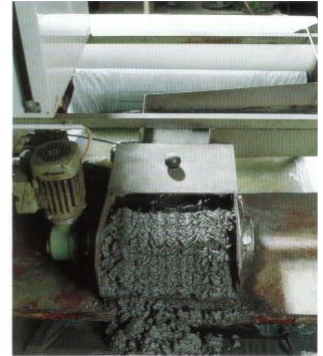
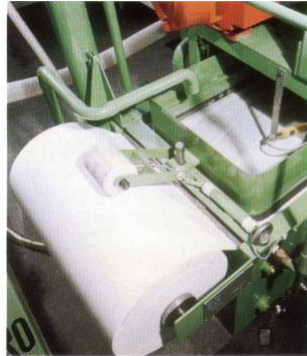




Non-woven paper for liquid filtration:

Cosma nonwovens paper filter can be adapted to the most varied purposes, e.g. for cleaning lubricating and cooling fluids used in cutting, grinding and milling processes. They are the end of the road for even the finest particle.

- ◆ *Emulsions*
- ◆ *Grinding Oils*
- ◆ *Synthetic Solutions*
- ◆ *Honing, Cutting and Rolling Oils*
- ◆ *Drawing Solids*
- ◆ *Washing Solutions*



Lay Out fluid product from the U.S.A.

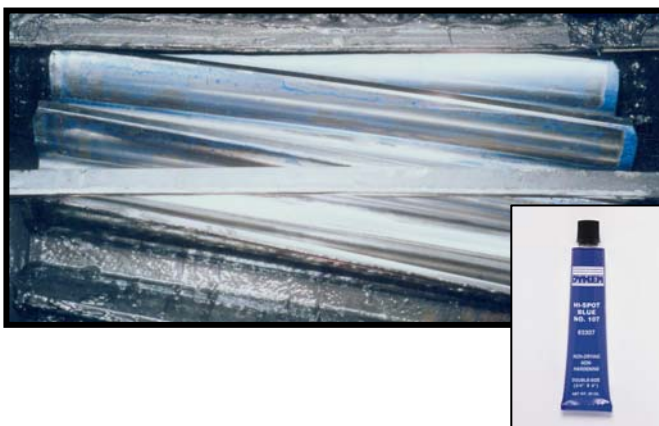
DYKEM® Hi-Spot Most recognized and trusted high spot bearing and gear locator in the world.

Dykem® Hi-Spot is an intensely blue, soft, uniform paste that spreads easily and evenly to show high spots on bearings. It's most valuable when used on flat bearing surfaces of lathes, planers, milling machines, etc. A thin coating may be left on the surface day in and day out, and will not dry out. The film remains "wet" and "transferable", and in condition for months. No night clean-up or morning re-bluing is necessary.

DYKEM® Steel Red

Dykem® has long been the world's best-known and most trusted line of metal fluids.

Machine shop operators depend on Dykem Layout Fluids to scribe sharp, clear, precise lines. When applied, our layout fluids provide a uniform deep color that prevents glare and dries in 2 to 4 minutes. Dykem offers layout fluids in six colors. All Dykem Layout Fluids provide an extremely thin film coating which adds practically no thickness to the work piece material, yet remains flexible without cracking and chipping. Each Dykem Layout Fluid is resistant to synthetic coolants, soluble oils, kerosene, gasoline and toluene





Specialized high performance lubricants used in wide range of industrial applications. KAL-SUPERLUBE SERIES Synthetic lubricants hold significant advantages in cost and quality over all other synthetic and mineral-based lubricants. KAL-SUPERLUBE has a wide operating temperature range, excellent wear protection, high oxidation stability, low volatility and excellent compatibility with seal materials.

Screw Compressor Oil—Reciprocating Compressor Oil—Turbo Compressor Oil—Engine Oil—Heat Transfer Oil—Hydraulic Oil—Gear Oil—Turbine Oil



Chemence is a world leader in the production of a wide range of Industrial Adhesives and Sealants.

Cyanoacrylates

Rite-Lok Cyanoacrylates (superglues) cure in seconds and give high strength bonds to rubber, plastics, metal, wood, leather, ceramics, ferrites, stone, cork, glass and paper

Anaerobics

Rite-Lok high performance anaerobic adhesives cure in the absence of air and the presence of metal part activation. They chemically harden to form a tough structural solid that prevents vibration loosening and seals against leakage and corrosion. Products include Threadlockers, Pipe Sealants, Retaining

Compounds and Gasket Makers.

Structural Adhesives and Epoxies

Rite-Lok structural adhesives combine rapid speed of cure with high tensile, shear and peel resistance and maximum operating performance. Used to give load bearing force resistant bonds. Replaces spot welding and rivets.

UVs

Rite-Lok Uvs are single component room temperature curing adhesives that do not react until exposed to UV light. Ideal for substrates such as Glass, metals and plastics

King Conveyor Roller

LONG LIFE ROLLERS CHARACTERISTICS

- High Density Material
 - Anti-Acidity
 - Anti-Alkaline
 - Anti-Static Agent
 - Suitable For Adverse Circumstances
 - Suitable For Highly Pollution Environment
 - Suitable For Humid Environment
 - Silent Rotation
 - Low Friction Rate
 - Damage-Free Belt
 - Can Replace Metallic Rollers
 - Inexpensive
- Ⓞ These rollers are a high-pressure extrusion of synthetic resin fibre.
- The stability of this material and the process by which it's produced ensures excellent **Concentricity** and **Dynamic Balance** resulting in a **Lightweight** roller with the **Strength of Steel**.

BEARINGS

- Ⓞ A full range available including Local, Japanese, European, German or Swedish.

SEALS

- Ⓞ All seals are multi-labyrinth type (sealed for life).
- Ⓞ Seal chambers are filled with high-grade lubricant to minimise roller drag and maximise **Dust and Water Resistance**.

SHAFTS

- Ⓞ Roller shafts are offered in both Carbon steel or selected stainless steel.

DESIGN

- Ⓞ The Long Life roller shell has a series of internal ribs for added **Strength and Stability**.
- Ⓞ It also incorporates internal bearings in longer rollers to eliminate flexing under load.



OTHER FEATURES

The chemical characteristics of these rollers have the added advantage of being **Resistant to Corrosion, Acids and Alkaline** conditions as well as being **Anti-Static** for use in dusty environments where explosions can occur due to sparks.

The roller surface is designed to eliminate build up of material which causes premature wear and ultimately failure in steel rollers.

Low Maintenance, High Performance, Quality Product.



APPLICATION

Suitable for use across a wide and varied range of products including **Cement, Coal, Gravel, Fertiliser, Paper, Food Chemicals** and others.

CONCLUSION

A **Lightweight, Robust** and **Inexpensive** alternative where **Quality and Reliability** is required.



CTL INTERLUBE—COMPANY PROFILE



Dear Customer,

Please review the following web-sites for further information on the exclusive range of products supported by CTL Interlube in Thailand. If you require further assistance or technical advice please contact our staff on telephone +662-908-1587-8, fax +662-908-2085 or email: monrue@asianet.co.th.

- /// <http://www.ctlinterlube.com>
- /// <http://www.bechem.de>
- /// <http://www.interlub.com>
- /// <http://www.chemence.com>
- /// <http://www.oks-germany.com>
- /// <http://www.cimcool.com>
- /// <http://www.dykem.com>
- /// <http://www.nodular.com>
- /// <http://www.oakinternational.biz>
- /// <http://www.muw-do.com>
- /// <http://www.kalnc.com>

Best regards,

Suwin Pradabsuk

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