

# UNIVERSAL HIGH PERFORMANCE GREASES

## LI CA 152 EPV

Multipurpose grease with high extreme pressure performance and excellent behavior in the presence of water.

### Product + :

- High versatility
- Allows rationalization of products and a consequent reduction in inventory

## THERMEX 1337 EP

Range of greases available from NLGI grade 00 to grade 3. Grade 2 is mainly used as multipurpose while grade 0 and 00 are intended for the lubrication of average power gear boxes.

### Product + :

- A single formula available in 5 NLGI grades

## AKRONEX 172 HBGB

Grease for axles and bearings working under high temperature conditions.

Grease with a very high dropping point which combined with the good mechanical stability of its thickener can be used up to 160°C.

### Product + :

- Very versatile lithium complex grease
- Good performance and optimized cost

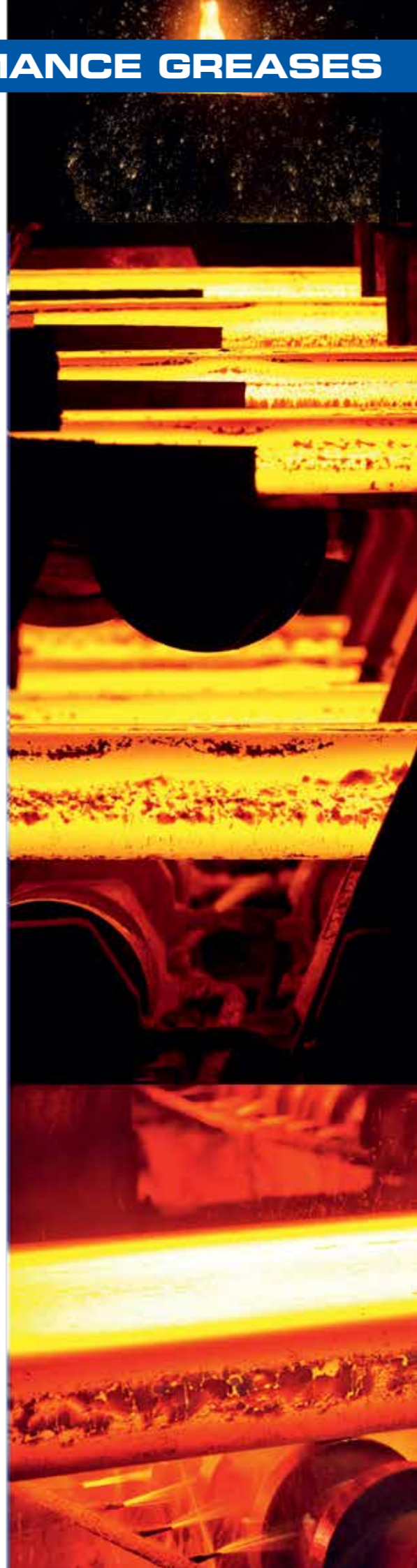
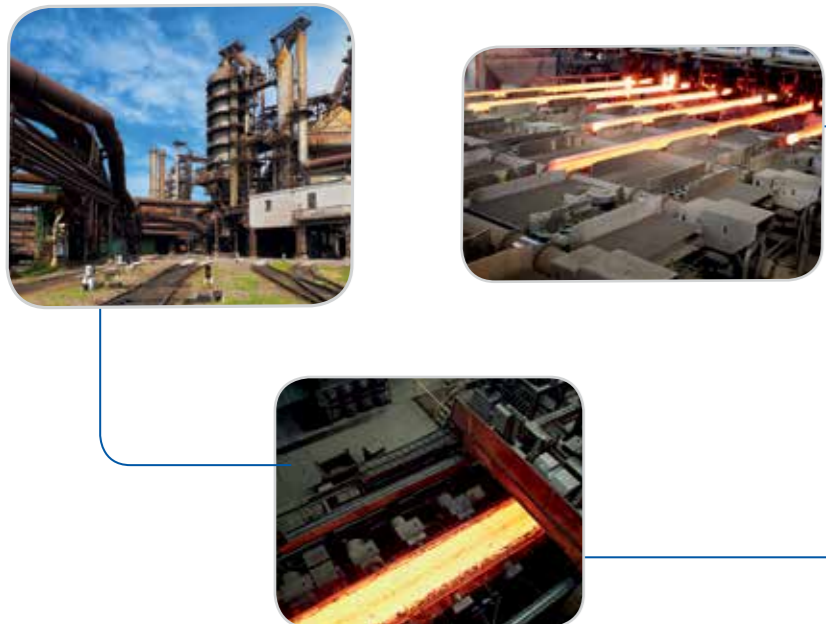
## GR 130 EP

Multipurpose greases usable in continuous casting bearings.

Greases formulated with a high viscosity base oil which combined with dry lubricant content allow its use in most cases of boundary lubrication. Excellent pumpability allowing its use in centralized lubrication system.

### Product + :

- Grease with tested technology
- Significant savings in heavily loaded mechanisms operating in the presence of water



# A LONG TERM PARTNERSHIP

Established in 1854, Condat International SA is headquartered in Chasse-Sur-Rhône, France.

Our complete range of lubricants answers your requests for commodity lubricants as well as for specific and technical applications.

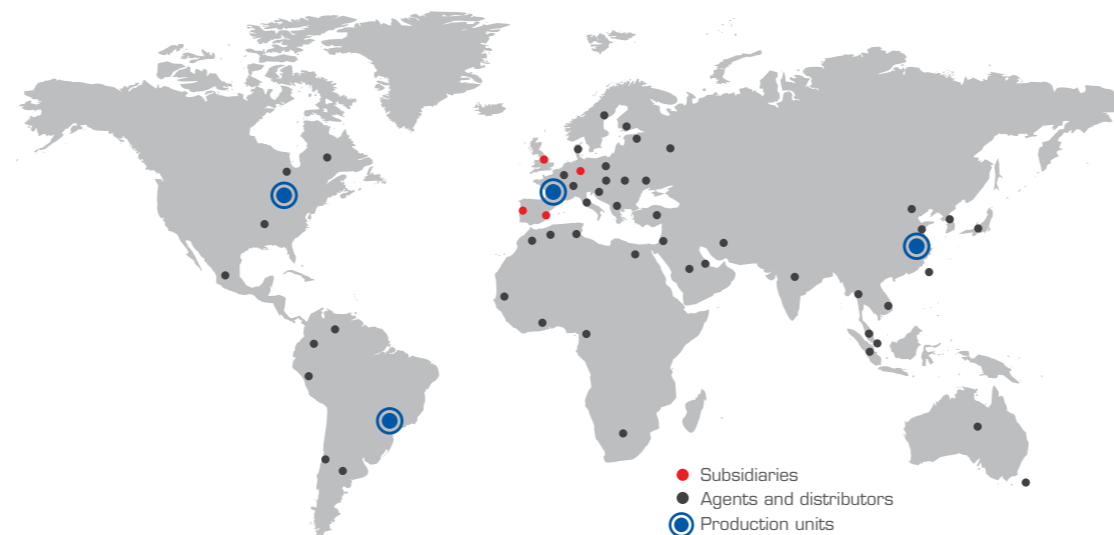
Condat fire-resistant fluids and innovative technical greases have been recognized for decades by the steel industry.

For the past 40 years, CONDAT has been developing close partnerships with major companies in this sector and offers developments at the forefront of technology based on performance, cost management, safety of personnel and materials whilst protecting the environment.

# CONDAT

## AN INTERNATIONAL PRESENCE

Our production units based in France, North America, South America and Asia together with our distribution network allow us to support all our customers around the world.



**CONDAT**

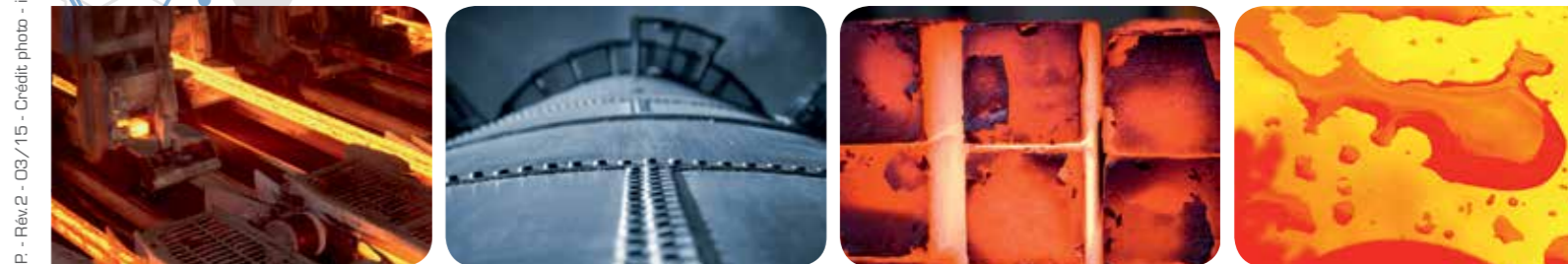
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# LUBRICANTS FOR STEEL INDUSTRY



FIRE RESISTANT FLUIDS  
•  
HIGH PERFORMANCE GREASES



**CONDAT**

PROVIDING INNOVATION TO YOUR INDUSTRY

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# FIRE RESISTANT HYDRAULIC FLUIDS

## WATER BASED FIRE RESISTANT FLUIDS

### FLUID SH4B 6 8

Fluid SH4B is a hydraulic fluid that combines excellent fire resistance properties, thanks to the presence of water, lubrication performance and corrosion protection come from selective additives.

### HYDROSOL 207 6 8

Hydrosol 207 is a synthetic soluble fire resistant hydraulic fluid which provides excellent anti-corrosion properties and excellent resistance to foaming.

### CONDAGUARD C46 1 2 6

Condaguard C46 is an advanced water-glycol, fire resistant hydraulic fluid containing powerful additives to enhance its anti-wear, anti-corrosion and anti-oxidation properties.

## WATER FREE FIRE RESISTANT FLUIDS

Condat D fluids are non-aqueous, fully synthetic ester type fire-resistant hydraulic fluids designed for use in high pressure hydraulic equipment. They have very good anti-wear and anti-corrosion properties, good filterability and air-release value. They are biodegradable and environmentally friendly.



### CONDAT D46 AND 68 1 2 3 6 7 8

These oils are formulated with synthetic base stocks (Polyether Polyol) and meet the requirements of Factory Mutual Global Certification. They possess outstanding anti-wear properties and have inherently good lubricity, high oxidation stability and excellent detergency which contributes to system cleanliness.

### CONDAT D946 1 2 3 6 7 8

It is a fully synthetic ester type fire-resistant hydraulic fluid designed for use in high pressure hydraulic equipment operating in possible fire risk areas. It has very good anti-wear and anti-corrosion properties, good filterability and air-release value. Condat D946 is an Factory Mutual Global tested product.

### CONDAT D646 AND D668 1 2 3 6 7 8

These fluids are fully synthetic biodegradable fire-resistant hydraulics fluids. Their specific formulations are based on an optimized selection of additives to offer the best solution to applications with regular make up.

	HFA E	HFA S	HFC	HFDU	FM APPROVED	BIODEGRADABLE
FLUID SH4B	✓					
HYDROSOL 207		✓				
CONDAGUARD C46			✓			
CONDAT D46 AND 68				✓	FM APPROVED	BIO DEGRADABLE
CONDAT D946				✓		BIO DEGRADABLE
CONDAT D646 AND D668				✓		BIO DEGRADABLE

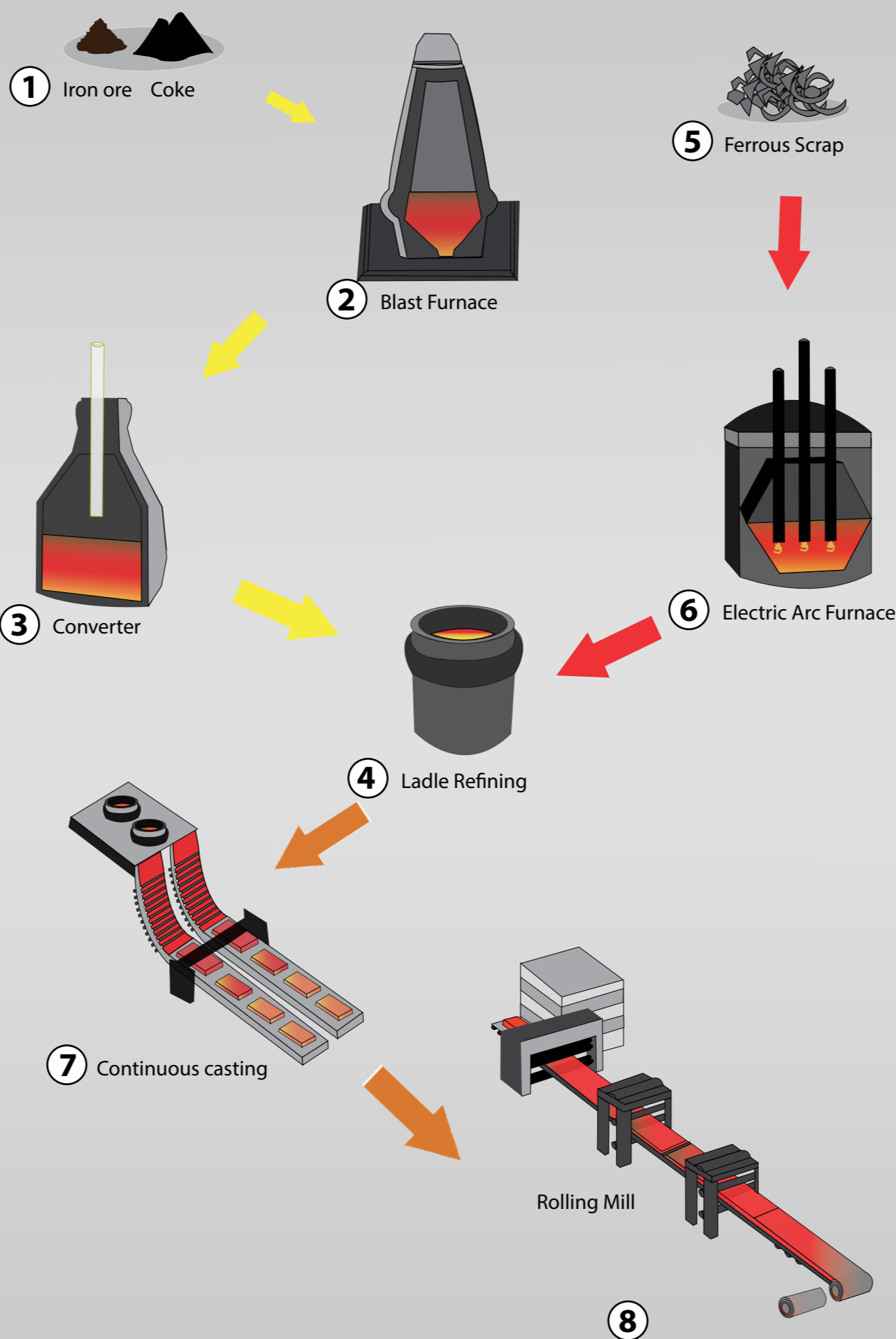
### FM GLOBAL

Le FM Global is an insurance company well known for its expertise in risk management engineering. Recognized all around the world, the certification FM Approvals allows our customers to be sure our lubricants have passed numerous trials/tests and are conform to the severest quality standards.

To use a lubricant certified FM, is the guarantee to have superior protection of employees and equipment from fire risks.



# STEEL INDUSTRY APPLICATIONS



### CONDAT FORMULA FV 7

Grease for continuous casting bearings. Grease designed for heavy loads giving low wear and high protection to mechanisms.

- Product + :**
- High lubrication performance
  - Long topping up interval
  - Does not contain heavy metals considered harmful to human health and environment

### GR 266 8

Grease for hydrostatic presses, rolling mills... Formulated with a very high viscosity base oil, this grease is designed for mechanisms operating under extreme loads and low speed bearings.

- Product + :**
- High strength lubricant film
  - Excellent behavior in the presence of water
  - High protection of mechanisms

### CONDAT FORMULA MS

Grease for high RPM bearings. Extremely versatile Polyurea grease. CONDAT FORMULA MS is suitable on high RPM bearings without affecting the starting torque. It can be used in most centralized lubrication systems.

- Product + :**
- Simplify lubrication by rationalizing products in service
  - Does not contain heavy metals considered harmful to human health and environment

### CONDAT FORMULA HVT

Grease for very high RPM bearings and/or working on low temperature. 100% synthetic poly-urea grease, FORMULA HVT ensures a long service life without deterioration of the bearing shelf life.

- Product + :**
- Long life of bearings
  - Does not contain heavy metals considered harmful to human health and environment

### CONDAT MILLENIUM 6 7 8

Multipurpose heavy duty, water resistant & high temperature grease. Complex soap grease with an exceptional mechanical stability even in presence of water. Intrinsic corrosion performance also provides higher protection of mechanisms.

- Product + :**
- Long topping up interval
  - Savings on product consumption and consequently pollution reduction
  - Does not contain heavy metals considered harmful to human health and environment

### CARDEX 3746 SP 8

Special grease for coupling lubrication. The presence of dry lubricants promotes lubrication of sliding gears.

- Product + :**
- Safe guard on boundary lubrication application

### COUPLEX 462 EP1 8

Special grease for coupling lubrication. The high viscosity base oil provides resistance to centrifugation and a remarkable penetration into mechanisms.

- Product + :**
- Excellent lubrication of mechanisms under heavy loads
  - Leakage reduction

# TECHNICAL GREASES

### COUPLEX 2101 EP 8

Special grease for coupling lubrication. The high viscosity base oil provides resistance to centrifugation and a remarkable penetration into mechanisms.

- Product + :**
- Excellent lubrication of mechanisms under heavy loads
  - Leakage reduction
  - Meets MAINA specifications

### REDUGRAISSE 8

Special grease for the lubrication of high power gearboxes. Its design allows leakage reduction without increasing the operating torques significantly.

- Product + :**
- Excellent lubrication under heavy loads
  - Reduces pollution on manufactured parts and thus reduces scrapped parts

### REDUSYNTH GREASE

Special grease for gear boxes. 100% synthetic, this grease is intended for the lubrication of gear boxes operating at low and/or temperatures over a long term.

- Product + :**
- Exceptional lubrication performance
  - Opportunity to consider lifetime lubrication of components

### PYRATX 2 3 6 7 8

Very high temperature greases. Range of 100% synthetic greases allowing constant working at temperatures up to 250°C with a greatly extended greasing interval. This grease is also chemically very stable even in the presence of oxygen.

- Product + :**
- Important savings in terms of maintenance and productivity

### AKROSYNTH

Range of grease for mechanisms working at around 180°C. 100% synthetic, this grease range is available in ISO 100, ISO 220 and ISO 460. These greases have a longer life in service compare to standard ones.

- Product + :**
- High versatility
  - Extension of time between grease top ups
  - Excellent lubrication at high temperatures

### BIO NATUR GREASE FR2

Fire resistance multipurpose grease. In addition to its biodegradability characteristics, this 100% synthetic grease is non-flammable. Its usage is recommended in areas where the risk of fire is present.

- Product + :**
- Safety of personnel and machines

### ABS Paste 8 7

Special paste for bearings. Protects bearings from water (waterproof) and forms a barrier to pollution.

- Product + :**
- High protection of bearings
  - Excellent behaviour in presence of water
  - Reduce consumption of lubricants in service