

World Class Lubricants

Rolling and Drawing Lubricants for Rod,
Bar, Wire, Strip, Tube and Profiles



Q8  **Oils**



Germ-Allcard Specialised Lubricants

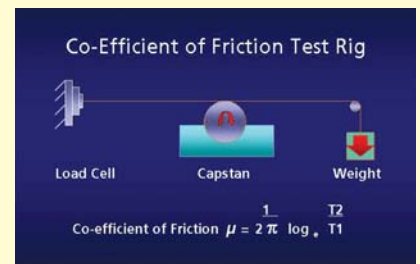
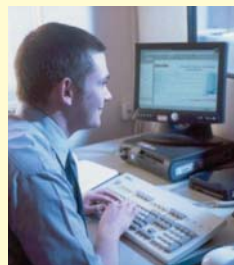
Kuwait Petroleum International Lubricants, from its UK Industrial Centre of Excellence, develops, manufactures and markets a comprehensive range of soluble and neat lubricants for non-ferrous rod, wire, strip and tube rolling and drawing applications.

The products, marketed under our Germ-Allcard brand, are exported to customers in over 80 countries, either directly or through our network of specialist distributors and agents, making us one of the largest global suppliers to the rod, wire, tube and strip industries. Product sales are supported by our award winning technical service, through which our objective is to work with our customers to ensure optimum productivity in all areas of production and product application.

The Germ-Allcard brand is amongst the most established and best respected in the industry, with a combined heritage of over 200 years experience in developing and supplying specialist products into wire and tube applications. Our products are suitable for all known machinery and carry approval/recognition from many wire drawing machinery manufacturers. Germ-Allcard is also a founding member of the International Wire & Machinery Association (I.W.M.A.).

Technical support

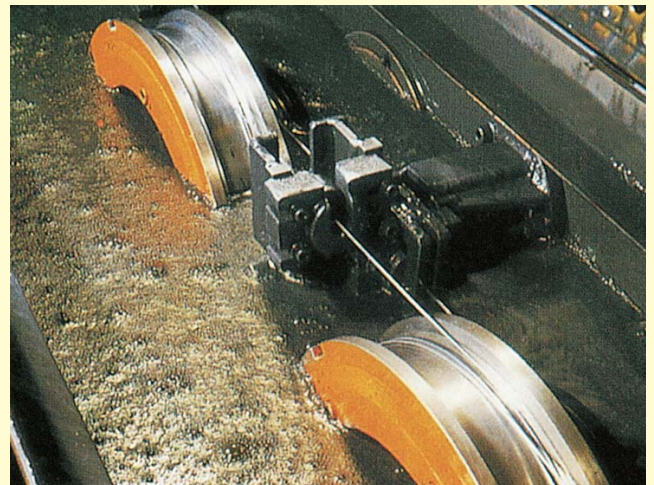
At Q8Oils, we believe that our combination of Germ-Allcard product quality and technical support gives our customers the competitive advantage in today's commercial environment. Our technical support covers all aspects from product selection and in-use analyses to product disposal, all vital for maintaining optimum levels of production. Our extensive research and development facilities are also there to assure our customers of the back up and support they expect from one of the most established brands in the wire and tube drawing industry.



Aluminium Wire Drawing

Germ-Allcard ALUDRA and ALUDRAW provide a range of lubricants suitable for slip and non-slip drawing. Lubricants for Twin Rod, Rod, Intermediate and Fine wire applications are available, each product is formulated using Kuwait base oils which have exceptional characteristics of oxidation stability and low sulphur levels. This provides benefits of long lubricant life and enhanced brightness of the drawn aluminium.

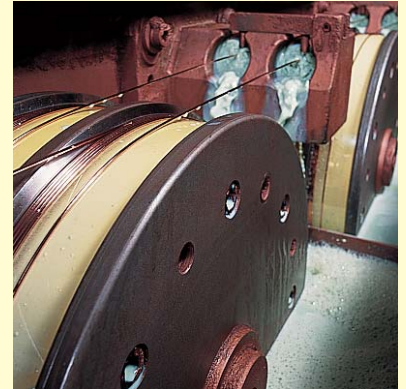
Germ-Allcard Products	Operation						Material		
	Rod	Intermediate	Multewire	Fine Wire	Super Fine	Shaving	Aluminium	Aluminium Alloy	Bronze
Aludra 30				•	•		•	•	
Aludra 80		•	•				•	•	
Aludra 150	•	•	•				•	•	
Aludra 200	•	•	•				•	•	
Aludraw 3	•						•	•	
Aludraw 8	•	•	•				•	•	
Aludraw 36	•						•	•	
Bronzedraw	•	•							•
Priamus X9	•	•	•	•	•	•	•	•	
Priamus X255	•	•	•	•	•	•	•	•	



Copper Wire Drawing

The Germ-Allcard copper wire drawing lubricants are formulated to provide the optimum balance of lubrication and cleanliness. This balance provides greater die and capstan protection, long emulsion life and consistent production eliminating manufacturing downtime.

Germ-Allcard Products	Operation						Material							
	Rod	Intermediate	Multiwire	Fine Wire	Super Fine	Shaving	Continuous annealers	Copper	Tinned Copper	Brass	Bronze	Gold	Platinum	Silver
Priamus X7	●	●				●	●	●	●					
Priamus X9	●	●				●	●	●	●					
Priamus X10	●	●	●	●	●	●	●	●	●					
Priamus X11	●	●	●	●	●	●	●	●	●					
Priamus X255	●	●	●	●	●	●	●	●	●	●	●			
Priamus V12	●	●	●	●	●	●	●	●	●	●	●			
Wirol 2000 LFG			●	●	●		●	●	●			●	●	●
Wirol 2020		●	●	●	●		●	●	●			●	●	●
Wirol 2100		●	●	●	●		●	●	●			●	●	●
Wirol 5000		●	●	●			●	●	●					
Odin EE25		●	●							●				



- PRIAMUS X7** Priamus X7, is a semi-synthetic lubricant optimised for copper rod breakdown and intermediate drawing on all high speed slip machines and is suited for rolled, cast, or dipform rod and is also recommended for shaved rod and small section copper strip.
- PRIAMUS X9** The stability of Priamus X9 emulsion allows a long bath life which may be enhanced by the use of filtration or hydrocyclones without disturbing the essential balance of characteristics required for these applications. Priamus X9 is a "hard" water alternative to Priamus X7.
- PRIAMUS X10** Multipurpose, semi-synthetic wire drawing lubricant, the low reactivity of Priamus X10 results in excellent cleanliness and exceptionally long life even at elevated operating temperatures.
- PRIAMUS X11** Priamus X11 is a semi-synthetic lubricant for copper rod breakdown and intermediate drawing on high speed slip machines and is suited for rolled, cast, or dipform rod and is also recommended for shaved rod and small section copper strip.
- PRIAMUS X255** Multipurpose, semi-synthetic wire drawing lubricant, Priamus X255 is suitable for drawing all wire sizes from rod to fine wire, on all types of wire drawing machines and is especially suited for multi-wire machines and in-line drawing.
- PRIAMUS V12** Multipurpose semi-synthetic wire drawing lubricant, Priamus V12 utilises the latest synthetic ester technology to give excellent cleanliness and low reactivity.
- WIROL 2000 LFG** Wirol 2000 LFG is a fully synthetic product recommended for drawing of intermediate and small wire sizes of plain and tinned wire on both single and multi-line machines. Wirol 2000 LFG is especially recommended for drawing or rolling wire for enamelling. Further specialised applications include nickel plated and silver plated copper wires. Strip and section cold rolling is also possible with Wirol 2000 LFG.
- WIROL 2020** Wirol 2020 is a fully synthetic, very high lubricity product recommended for drawing of intermediate, fine and super fine wire sizes of plain and tinned copper in all applications, single and multiwire. Wirol 2020 is especially recommended for the tandem in-line drawing or rolling for enamelling. Further specialised applications include the drawing of nickel plated and silver plated copper wires as well as the drawing of precious metals.
- WIROL 2100** Wirol 2100 is a fully synthetic product recommended for drawing of intermediate and small wire sizes of plain and tinned wire on both single and multi-line machines. The unique technology of Wirol 2100 is virtually non-reactive to copper and its alloys, providing exceptional fluid life and superior brightness of finished wire.
- WIROL 5000** Wirol 5000, a semi-synthetic lubricant is optimised for drawing plain and tinned copper wire of intermediate, fine and superfine sizes on single and multi-line machines. Independent tests show that Wirol 5000 can reduce tension breaks on multi-line machines by approx 40% compared with other products in identical conditions. Wirol 5000 is suitable for in line continuous annealers at 0.5-1% concentration.
- ODIN EE25** Heavy, intermediate and fine wire cost effective conventional copper wire drawing lubricant.

Non-Ferrous Rolling

The Germ-Allcard range of emulsifiable oils form stable and highly effective emulsions for the hot and cold rolling of non-ferrous rod and strip. The range includes specific grades for hot rolling continuously cast copper and aluminium on Southwire, Krupp Hazelett and Properzi mills. Complementing the range are the 'Bach RF' Neat Rolling Lubricants for strip production.

Germ-Allcard Products	Mill Type											Material						
	Contirod	Southwire	Properzi	Senior	Bühler	Krupp	Sundwig	Frohling	Demag	Achenbach	Hitachi	Copper	Aluminium	Brass	Bronze	Stainless Steel	Nickel chrome	Titanium
Cylroll CR55	●	●	●	●	●							●	●	●				
Cylroll CR80	●	●	●									●						
Priamus X10					●	●						●	●					
Priamus X255					●	●						●	●	●	●			
Wirol 2000LFG					●	●						●		●	●			
Bach RF							●	●	●	●	●	●				●	●	●
Bach RFX							●	●	●	●	●	●	●	●	●	●	●	●



CYLROLL CR55

Heavy duty rolling oil for aluminium and copper. Specially developed for roughing mill applications. Enhanced to stop oxides adhering to the roll surface and flush the loose scale to the filters.

CYLROLL CR80

Synthetically fortified rolling oil for copper. Specially developed for finishing mill applications. Enhanced to stop oxides adhering to the roll surface and flush the loose scale to the filters. Provides superior roll life performance, protection and give increased productivity.

PRIAMUS X10

Multipurpose, semi-synthetic wire drawing lubricant, the low reactivity of Priamus X10 results in excellent cleanliness and exceptionally long life even at elevated operating temperatures.

PRIAMUS X255

Multipurpose, semi-synthetic wire drawing lubricant, Priamus X255 is suitable for drawing all wire sizes from rod to fine wire, on all types of wire drawing machines and is especially suited for multi-wire machines and in-line drawing.

WIROL 2000 LFG

Wirol 2000 LFG is a fully synthetic product recommended for drawing of intermediate and small wire sizes of plain and tinned wire on both single and multi-line machines. Wirol 2000 LFG is especially recommended for drawing or rolling wire for enamelling. Further specialised applications include nickel plated and silver plated copper wires. Strip and section cold rolling is also possible with Wirol 2000 LFG.

BACH RF

Superior performance neat rolling oil for steel and stainless steel.

BACH RFX

Superior performance neat rolling oil for yellow metals

Yellow Metal Protectives

These are specialised products for the increased protection of yellow metals. They include wax-coat protection of hot rolled continuously cast copper and quenching protection products for copper and alloy hot extrusion of tubes and profiles.

COPPROTECT B

Wax coat protective for after pickling applications. Contains unique wax substitute to give a tacky finish for neat coiling. Oil free protective coating for non-ferrous surfaces.

COPPROTECT T

Wax coat protective for after pickling applications. Contains unique wax substitute to give a tacky finish for neat coiling, along with a very highly sophisticated yellow metal corrosion package.

COPPROTECT H

Wax coat protective for after pickling applications. Contains unique wax substitute to give a tacky finish for neat coiling, including an advanced yellow metal protection package for humid conditions.

COPPROTECT Z

Copper Surface Protective that prevents the corrosion of copper ions in accelerating the degradation of other metals or components

CYLDOL KYM-SF FLUID

Additive for hot extrusion run-out tanks, improves and controls quenching on yellow metal tubes to provide a superior finish.

Tube Drawing

With the two ranges of non-ferrous tube drawing lubricants from Germ-Allcard, included are advanced lubricants for Bench and Block drawing of copper, aluminium and alloy tubes.

Germ-Allcard Products	Operation					Tube OD Size					Material				
	Drawbench	Block	>500mm dia.	500-25mm	25-10mm	<10mm	Capillary	Copper	Copper alloy	Aluminium	Al alloy	Brass	Bronze	Precious Metals	
Aludra 200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Cyldol OC32 Cyldol TBL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Cyldraw 1900C Cyldraw 2000 Cyldraw 6000	●	●	●	●	●	●	●	●	●	●	●	●	●	●	



ALUDRA 200

Aluminium and aluminium alloy circulatory lubricant for tube drawing applications.

CYLDOL TBL

Oil based, low viscosity non-ferrous capillary tube drawing lubricant with bright annealing properties.

CYLDOL OC32

Oil based, medium viscosity circulatory non ferrous tube drawing lubricant, especially suited for both aluminium and copper, also can be used as a finishing lubricant on a Schumag line. Bright annealing properties. Suitable for use in extreme humidity

CYLDRAW 1900C

Single Shot medium viscosity non ferrous tube drawing lubricant, multipurpose product for all tube applications.

CYLDRAW 2000

Single Shot medium viscosity non ferrous tube drawing lubricant, multiple pass per application, economical in use.

CYLDRAW 6000

Single Shot high viscosity non ferrous tube drawing lubricant for drawing all sizes of tube, optimum lubrication and surface finish is achieved.

Steel Bar and Wire Drawing

These are lubricants developed for the wet drawing of steel, stainless steel and alloy steel bars, rods and section.

Germ-Allcard Products	Operation				Material			
	Rod	Intermediate	Fine	Bar	Steel	Galvanised steel	Stainless steel	Nickel Alloys
Tantaroll NO2 Tantaroll STS/M	●	●	●	●	●	●	●	●
Wirol 2020			●				●	●



Ancillary Products

Within the Germ-Allcard portfolio there is a comprehensive range of ancillary products to complement our wire and tube drawing lubricants.

These include ● System Cleaners ● Biocides ● pH Buffers ● Annealer Fluids ● Copper Protectives.

Advice on their usage is available from your Q8Oils representative.

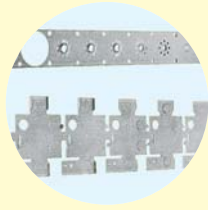
Q8Oils services the following sectors



Technical Support



Plant Maintenance



Forming Oils



Wind Turbines



Wash Fluids



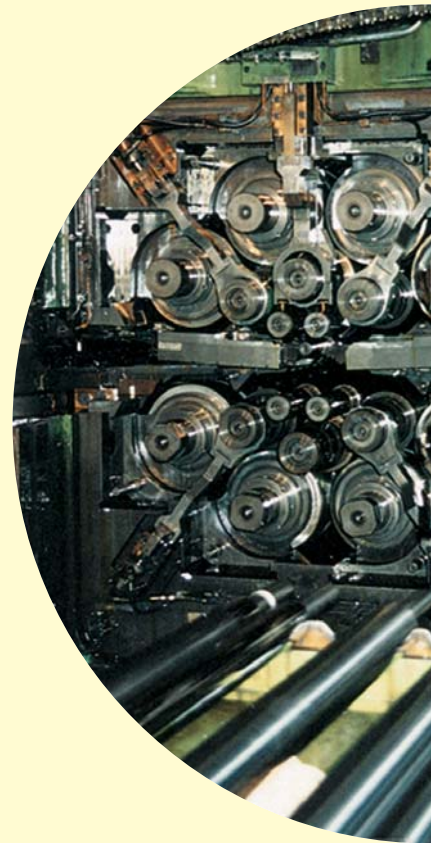
Metal Working Fluids



Rolling



Wire Rope Dressing



Lubricant Technology for the Future

Q8Oils with its unique, innovative and progressive approach develops, manufactures and markets some of the finest quality lubricants in the world. Manufactured in its state of the art plant in Leeds, Q8Oils represent the very best and latest, in lubricant technology.

World class credentials, consistent quality, plus a highly regarded and recognisable brand, make Q8Oils the partner of choice. In addition to this comes strong technical and on-site support; service quality standards verified by BSI ISO 9001:2000 accreditation; high profile marketing activity and a serious commitment to growing long term relationships with our customers.

Experienced sales, technical support, customer service professionals and a worldwide delivery means we can consistently deliver the highest levels of customer service and after sales back up supporting this commitment.

Safety, Health and the Environment (SHE)

At KPIL safety is our number one priority. No other business objective has a greater priority than the health and safety of our employees and others who may be affected by our operations.

As a minimum, we will comply with all SHE legislation. In addition, wherever possible, we endeavour to meet future legislative requirements in advance of its implementation. This means our employees, customers and the citizens of the countries in which we operate can have trust, confidence and pride in their relationship with us.

Samp Multiwire Machine featured on the front cover

www.Q8Oils.com

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Technical Help Line

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Customer Services

Orders can be placed by:
Export export@Q8Oils.com UK customerservices@Q8Oils.com
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