



Cylroll CR55

Rolling Oil for Aluminium and Copper

Product Description

A heavy duty rolling oil which forms a stable milky emulsion when mixed with water.

Application

Formulated for the hot rolling of aluminium alloys and for the hot and cold rolling of copper and copper alloys.

Technical Data

Specific Gravity @ 15°C	0.9264
pH @ 5% distilled	9.20
Emulsion appearance	Milky
IP125 20:1 200ppm	0/0-0

Recommended Concentration

3-15% for the hot rolling of aluminium alloys.

2-12% for the hot or cold rolling of copper and copper alloys.

Special Features

- Mixes readily in water to form a stable milky emulsion
- Specially selected additives to give carefully balanced lubricating characteristics
- Reduces roll wear
- Provides exceptional quench characteristics enabling removal of oxides
- It has excellent wetting and detergency characteristics which prevent adhesion of free oxide to the roll surfaces and to flush scale to the filter
- Has good resistance to bacterial infections
- Inhibited against corrosion of ferrous and non-ferrous metals

Recommendations for use

Prior to filling the lubricant tanks with Cylroll CR55 it is important that the system is thoroughly cleaned and sterilised. This can be achieved with the use of a system cleaner such as Brytoklean WD.

The emulsion should be prepared to the correct concentration depending on the mill conditions by adding the CR55 to water whilst mixing. The concentration should be checked on a daily basis and corrected by addition if necessary. The emulsion should be checked on a regular basis for any bacterial activity and any infections should be kept under control with the use of a suitable biocide, such as Borodin B.

Cylroll CR55 has some tolerance to tramp oil contamination, but leakage of gear and hydraulic oils into the emulsion should be avoided for best performance to be achieved.

Storage

Avoid extremes of temperature. Store drums away from direct sunlight or frost. Drums should be stored on their sides to prevent ingress of water.

Availability

Contact Sales Desk for product availability.

Health and Safety

Normally safe in use. Before using this product reference should be made to the relevant Material Safety Data Sheet.

Further Information

For further information and technical help on selecting and using this or any other products, please contact your Representative, or telephone the Technical Help Line on +44 (0) 113 2365223 (normal working hours) or by fax on +44 (0) 870 238 4673 (outside working hours).

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Germ-Allcard Specialised Lubricants

Knowsthorpe Gate, Leeds LS9 0NP

Telephone ++0044 (0)113 2365 227

Fax ++0044 (0)113 235 0705

A division of Kuwait Petroleum International Lubricants (UK) Ltd

