PRODUCT DATA SHEET

Germ-Allcard Cylroll CR75

Rolling Oil for Aluminium & Copper

Description

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

Applications

Hot rolling of aluminium alloys and hot and cold rolling of copper & copper alloys on Southwire, Properzi, Contirod and Essex rolling mills.

User instructions

Prior to filling the lubricant tanks with Cylroll CR75 it is important that the system is thoroughly cleaned and sterilised., this can be achieved with the use of a system cleaner. The emulsion should be prepared to the correct concentration depending on the mill conditions by adding the Cylroll CR75 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. Cylroll CR75 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.

Recommended Concentration
3-15% for the hot rolling of aluminium alloys.
2-12% for the hot or cold rolling of copper and copper alloys.

In order to preserve the integrity of this product, drums should be stored inside a building protected from frost and direct sunlight.

Environment, Health and Safety

Please consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues.

Properties

	Method	Unit	Typical
Appearance (Neat)	Visual	-	bright & clear
Appearance (Emulsion)	Visual	-	milky
Density, 20 °C	D 4052	g/ml	0.93
pH 5% in DI water	E 70	-	9.8
Refractometer Factor	-	-	1.0
Acid Split Factor	Babcock	-	1.0

The figures above are not a specification. They are typical figures obtained within production tolerances.

Remarks

Please contact your Q8Oils representative for further advice and support on your specific application and equipment.