

Germ-Allcard Cylroll CR55AL

Rolling Oil for Aluminium rod

Description

A heavy duty rolling oil which forms a stable milky emulsion when mixed with water. The product is formulated for good rejection of contaminants such as gear oil in the mill, giving a stable, long lasting emulsion.

Applications

Hot rolling of aluminium and aluminium alloy rod

User instructions

Prior to filling the lubricant tanks with Cylroll CR55AL 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 CR55AL 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 CR55AL 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

5-10% for the hot rolling of 1000- series aluminium

5-15% for the hot rolling of aluminium 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	kg/l	0.93
pH 5% in DI water	E 70	-	9.5
Refractometer Factor	-	-	1.0
Acid Split Factor	Babcock	-	1.0
Corrosion characteristics of water-mix metalworking fluids	IP 125	%	2

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.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Germ-Allcard Cylroll CR55AL is **1.95 kg CO₂eq / kg**.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check here



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

