

# TECHNICAL DATA

## ROPE & CHAIN OIL (RCO)

### *Rope & Chain Oil containing Molybdenum Disulphide*

#### Description

**Rope & Chain Oil** is a premium quality ISO150 viscosity grade mineral oil, containing a special blend of additives and tackifiers to provide maximum life to chains, sprockets and ropes.

The polymer additive forms a tenacious film which adheres to metallic surfaces providing corrosion protection in wet environments.

#### Areas of application

- Drive chains
- Steering chains
- Conveyor chains
- Hoist chains
- Forklift chains
- Motorbike chains

#### Features

- Fast penetration to the core of wire ropes
- High water resistance
- Thin residual film which will not drip or throw off
- Minimum pickup of surface dirt and fibres
- Operating temperature range -20°C to +150°C
- Good adhesion to fast moving chains
- Excellent anti-wear properties
- Excellent corrosion resistance

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The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

**Technical data**

	Test Method
Appearance .....	Black oil
ISO Viscosity Grade .....	150
Viscosity Index .....	96
Lubricating Solids .....	Molybdenum Disulphide
Viscosity	
at 40°C (cst) .....	150
at 100°C (cst) .....	14.6
Pour Point (°C) .....	-3
Flash Point COC (°C) .....	210

**Directions for use**

**Rope & Chain Oil** can be applied by brush, drip, spray or an automatic lubricator.

**Storage and Shelf Life**

Store in dry conditions between 0°C and 50°C, away from sources of heat and naked flames. When stored in original sealed containers, the minimum shelf life is four (4) years.

**Packaging**

**Rope & Chain Oil** is available in 20 Lt and 205 Lt drums.

**Ordering Information:**

20 Lt drum	#RG202589
205 Lt drum	#RG202596

**TDG Code:** Not classified

**Health & Safety Information**

The product is hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website [www.molybond.com.au](http://www.molybond.com.au).

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