

ULTRACUT® 540

Extreme pressure, neat oil cutting fluid

Product Overview

ROCOL® ULTRACUT 540 is a pale coloured, extreme pressure, neat cutting oil formulated from severely refined mineral oil, lubricity additives and chlorinated EP performance additives.

ULTRACUT 540 provides excellent cutting performance and improves tool life.

ULTRACUT 540 is suitable for a wide range of applications on automatic and multi-tool lathes even when machining high tensile steels.

ULTRACUT 540 is also suitable for specialised operations such as production thread grinding, broaching, hobbing and multi-cutter milling set-ups.

Features and Benefits

- ULTRACUT 540 is a pale coloured neat cutting oil.
- Excellent extreme pressure properties.
- ULTRACUT 540 has good heat transfer properties.
- ULTRACUT 540 provides excellent cutting performance and improves tool life.
- Suitable for use with a wide range of ferrous and non-ferrous metals.
- Excellent residual corrosion protection.
- Low odour.

Directions for Storage and Use

- ULTRACUT 540 is supplied ready for use.
- Ensure protection against water ingress.
- Any equipment used for dispensing ULTRACUT 540 should be capable of handling an ISO VG 32 mineral oil.
- It is advisable to use the appropriate ROCOL ULTRAGUARD® Machine Tool Care product at fluid changeovers. Optimum fluid life is obtained by adequate initial machine cleaning and regular maintenance of the fluid, particularly prior to weekends and shutdown periods.
- ULTRACUT 540 should be stored in a cool, well ventilated area, between +5°C and +30°C, in the original container.
- If stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.

Typical Applications

- Medium/severe cutting operations on ferrous and non-ferrous metals.

Pack Sizes

Pack Size	Part Code
1000L	51415

Performance you can trust

ULTRACUT® 540

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Property	Test Method	Result
Appearance:		
Concentrate	N/A	Pale yellow liquid
Odour	N/A	Mild
Viscosity at 40°C (cSt)	IP71 – ASTM D445	15 cSt
Density at 20°C (g/cm ³)	N/A	0.92
Solubility in water	N/A	Insoluble

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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