



TECHNICAL DATA

V-cut

High Quality Metal Working Fluids

Range Description

ROCOL ***V-cut*** is a range of three high quality water mix metal working fluids. Utilising the latest additive technology the three products cover a wide range of applications (e.g. turning, milling, drilling and grinding) and are suitable for use on ferrous and non-ferrous materials. The three products in the range are:

V-cut MT

ROCOL ***V-cut MT*** is a milky type fluid designed for all general purpose cutting operations. When mixed with water the concentrate forms a low foaming milky white emulsion. The high oil content ensures a high degree of residual corrosion protection on machine surfaces and workpieces.

V-cut SS

ROCOL ***V-cut SS*** is a semi-synthetic fluid designed for all general purpose cutting and grinding operations. When mixed with water the concentrate forms a translucent green emulsion which allows a clear view of the cutting zone. The unique corrosion inhibition package extends the working dilution range and minimises in-sump cost.

V-cut EP

ROCOL ***V-cut EP*** is a high performance, extreme pressure fluid designed for heavy duty cutting operations on hardened steels and other difficult to machine alloys. When mixed with water the concentrate forms a low foaming, milky white emulsion. The blend of lubricity and extreme pressure additives extend tool life and allow increased machining rates resulting in true cost efficiency.

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: 0113 232 2600 Fax: 0113 232 2760

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW inc

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

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Technical Data (typical values)

	V-cut MT	V-cut SS	V-cut EP
Appearance	Straw concentrate forming a milky white emulsion	Green concentrate forming a translucent green emulsion	Straw concentrate forming a milky white emulsion
pH at 5% in Water	9.5	9.5	9.5
Density at 20°C	0.90 g/cm ³	1.00 g/cm ³	0.95 g/cm ³
Mineral Oil Content	65 – 75%	20 - 30%	50 – 60%
Nitrite	Contain no nitrites		
Biocides	Contain no formaldehyde releasing biocides		
Storage	Store at normal ambient temperature (5 to 30°C)		
Pack Sizes	5 ltr, 25 ltr and 60 ltr		
Recommended Operating Dilution	15:1 to 20:1	Cutting 35:1 to 45:1 Grinding 45:1 to 55:1	20:1 to 40:1
Refractometer Readings	15:1 reads 7.4 20:1 reads 5.4	35:1 reads 1.9 45:1 reads 1.5 55:1 reads 1.2	20:1 reads 5.8 30:1 reads 3.8 40:1 reads 2.8

Pack sizes and part codes

	V-cut MT	V-cut SS	V-cut EP
5 ltr	51516	51526	51536
20 ltr	51513	51523	51533
60 ltr	51514	51524	51534

Health and Safety

Safety data sheet is available from the Customer Service Department, ROCOL Lubricants, ROCOL House, Swillington, Leeds, LS26 8BS, England.

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