

## V-cut™ High Quality Metal Working Fluids

**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:**

### Range Description

**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

**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

**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

**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.

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BS EN ISO 9001  
Certificate No. FM 12448



BS EN ISO 14001  
Certificate No. EMS 67596



OHSAS 18001  
Certificate No. OHS 78173



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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.

# Technical Data

**ROCOL®**

Performance you can trust

	V-cut™ MT	V-cut™ SS	V-cut™ EP
<b>Appearance</b>	Straw concentrate forming a milky white emulsion	Green concentrate forming a translucent green emulsion	Straw concentrate forming a milky white emulsion
<b>pH at 5% in Water</b>	9.5	9.5	9.5
<b>Density at 20°C</b>	0.9 g/cm <sup>3</sup>	1.00 g/cm <sup>3</sup>	0.95 g/cm <sup>3</sup>
<b>Mineral Oil Content</b>	65 – 75%	20 – 30%	50 – 60%
<b>Nitrite</b>	Contain no nitrites		
<b>Biocides</b>	Contain no formaldehyde releasing biocides		
<b>Storage</b>	Store at normal ambient temperature (5 to 30°C)		
<b>Recommended Operating Dilutions</b>	15:1 to 20:1	<b>Cutting:</b> 35:1 to 45:1 <b>Grinding:</b> 45:1 to 55:1	20:1 to 40:1
<b>Refractometer Readings</b>	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
<b>Pack Sizes – Part Codes</b>	5 ltr - 51516 20 ltr - 51513 60 ltr - 51514	5 ltr - 51526 20 ltr - 51523 60 ltr - 51514	5 ltr - 51536 20 ltr - 51533 60 ltr - 51534

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