



Cutwel Limited

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Cutcool Spindle Concentrate

Full Synthetic Water Soluble Spindle Coolant Concentrate

Product Description

Cutcool Spindle Concentrate is a full synthetic water soluble coolant concentrate. The product offers outstanding corrosion protection in spindle coolant / chiller systems where a product of this type is specified.

Applications

SCutcool Spindle Concentrate is designed for use in spindle coolant / chiller systems where a water soluble, full synthetic coolant is specified. Where local mains water hardness exceeds 100ppm CaCO₃, the use of demineralised water is advised in order to afford maximum corrosion resistance in use.

Periodic checks for dilution should be carried out with a hand refractometer to ensure the dilution is within the recommended parameters as per the table below.

It is advised that under normal working conditions the fluid is changed every 12 months.

Typical Test Data

Characteristic / Test	Data
Appearance (concentrate)	Fluorescent Green
Appearance (mixed)	Clear Solution - Fluorescent Green
Specific Gravity @ 15°C	1.22
pH @ 5%	9.8
IP 287 Breakpoint Corrosion	1.0 %
IP 125 Herbert Corrosion Test	0.70%
Dilution Range (min ~ max)	12 ~ 15 %
Refractometer Conversion Factor	3.6
Water Hardness Range ppm CaCO ₃ (min ~ max)	0 ~ 100

Actual dilution rates may vary depending on application. Please consult with Technical Services to determine the most suitable dilution for your application.

Availability

Cutcool Spindle Concentrate is available in 1000 litre IBC's, 205 litre barrels, 20 litre drums and 5 litre containers.

Health and Safety

Please refer to the relevant Safety Data Sheet, a copy of which is freely available to all customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification.