

Coolant DYOP 20

It is Formaldehyde-free, formaldehyde-condensate-free, bactericide-free.

It is a Semi synthetic, water miscible, metalworking fluid concentrate that produces an ultra stable micro emulsion for use in all waters with long life.

Chlorine-free, contains no raw materials which are labelled as sensitizers.

Coolant DYOP 20 is a ~20% oil, clear, water-mix cutting fluid used for sawing, turning, milling, drilling and threading, general purpose surface, cylindrical and centreless grinding on ferrous alloys including cast iron. Its performance on cast iron is excellent.

<p>Key Benefits</p> <ul style="list-style-type: none"> • Long Sump Life • Improved Tool Life • Highly Stable Micro-Emulsion • Operator Friendly • Excellent Corrosion Protection • Low Foam in soft water. • Reduced Sticky Deposits • Less Product Loss due to Draw-Out 	<p>Emulsion Type</p> <ul style="list-style-type: none"> • Micro-emulsion • Low Oil Content • Phosphorous EP additives. 														
<p>Typical Applications</p> <table border="0"> <tr> <td>• General Machining</td> <td>4-6%</td> </tr> <tr> <td>• Grinding: - cylindrical, centreless, surface.</td> <td>4-5%</td> </tr> <tr> <td>• Milling and threading</td> <td>5-7%</td> </tr> </table>	• General Machining	4-6%	• Grinding: - cylindrical, centreless, surface.	4-5%	• Milling and threading	5-7%	<p>Compatibility</p> <ul style="list-style-type: none"> • Ferrous metals including stainless steel, and cast iron. • Inconel and other high spec alloys • Titanium alloys • Plastics 								
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<p>Typical Data</p> <p><u>Concentrate</u></p> <table border="0"> <tr> <td>Appearance</td> <td>Amber Fluid</td> </tr> <tr> <td>Specific Gravity</td> <td>1.02</td> </tr> <tr> <td>Mineral Oil Content %</td> <td>~20</td> </tr> </table> <p><u>Emulsion</u></p> <table border="0"> <tr> <td>Appearance</td> <td>Amber</td> </tr> <tr> <td>pH at 5%</td> <td>9.5</td> </tr> <tr> <td>IP287 pass at %</td> <td>2.0</td> </tr> <tr> <td>Refractometer Factor</td> <td>2</td> </tr> </table>	Appearance	Amber Fluid	Specific Gravity	1.02	Mineral Oil Content %	~20	Appearance	Amber	pH at 5%	9.5	IP287 pass at %	2.0	Refractometer Factor	2	<p>General Compatibility</p> <ul style="list-style-type: none"> • Waters from 40ppm to 400ppm (Calcium hardness) • Low foaming tendency • Suitable for high pressure applications • Suitable for low pressure applications <p>Health and Safety</p> <p>Full health and safety data sheet is available on request.</p> <p>Storage</p> <ul style="list-style-type: none"> • Store indoors • Store between 4 °C and 35°C • Shelf life is 6 months from date of supply • Store undercover or if outdoors on its side.
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