

Additin® RC 3775

Antiwear Additive

Type	Ashless antiwear additive with corrosion inhibiting properties and excellent FZG performance	
Technical data*	Composition	phosphorus-sulphur-nitrogen compound
	Appearance	yellow, high viscosity liquid
	Phosphorus	approx. 3.8 % weight
	Sulphur	approx. 6.2 % weight
	Nitrogen	approx. 3.1 % weight
	Viscosity, 40°C (ASTM-D 445)	high viscosity
	Density, 20°C (ASTM-D 1298)	approx. 940 kg/m³
	Flash point, COC (ASTM-D 92)	> 150°C
	Mineral oil content	none
Application	<ul style="list-style-type: none"> - hydraulic fluids - turbine oils - compressor oils - metalworking fluids - gear oils - honing oils <p>Additin RC 3775 is an ashless EP and antiwear additive for formulating industrial lubricants and metalworking fluids. The recommended treatment levels in metalworking fluids are in the range 0.2 to 1.5 % by weight Additin RC 3775. By virtue of its specially selected raw materials Additin RC 3775 is ideally suited for formulating high temperature lubricants. In combination with suited antioxidants and corrosion inhibitors or packages, e.g. RC 9308 (approx. 0.3 % b.w.), Additin RC 3775 (approx. 0.25 % b.w.) can be used for the formulation of ashless hydraulic fluids and other industrial oil with FZG load carrying capacity.</p>	
Solubility	Soluble in mineral oils and synthetic base oils. However, it is necessary to verify the solubility in the base oils used and the compatibility with other additives.	

Test results	Test results see Technical Reports
Packing unit	180 kg bung hole drum
Storage conditions	in a dry place at room temperature approx. 12 months
Handling	Before using Additin RC 3775 it should be heated up to approx. 80°C. Local overheating - above 100°C - must be avoided. Consult material safety data sheet (MSDS) for additional handling information on Additin RC 3775.

® = registered trade mark

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* The analytical data are guide values.

Additin RC 3775 is on EINECS and TSCA inventory.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the

products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely rely on your own responsibility. Should, in spite of this,

liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

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