

Additin® RC 2811

EP Additive

Type	EP additive; dark coloured, inactive sulphur carrier	
Technical data*	Composition	sulphurized fatty oil, mineral oil-free
	Appearance	dark brown liquid
	Colour (ASTM-D 1500)	typ. D 8
	Sulphur	approx. 11 % weight
	Active sulphur (ASTM-D 1662)	approx. 1 % weight
	Copper corrosion (ASTM-D 130), 10 % weight Additin RC 2811 in a paraffinic base oil, 3 h/100°C	1b
	Viscosity, 40°C (ASTM-D 445)	approx. 1400 mm²/s
	Density, 20°C (ASTM-D 1298)	approx. 0.99 g/ml
	Flash point, COC (ASTM-D 92)	approx. 200°C
Application	<ul style="list-style-type: none"> - metalworking fluids - greases - slideway oils <p>Additin RC 2811 is a dark-coloured sulphur carrier. It is mainly used in metalworking fluids and EP greases. Due to its low active sulphur content, Additin RC 2811 is also suitable for use with yellow metals. Optimum performance of the finished formulation can be obtained by combination with zinc dithiophosphates, e.g. Additin RC 3038.</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

Paraffinic base oil, ISO VG 15

	base oil, no additives	+2% by weight RC 2811	+5% by weight RC 2811	+10% by weight RC 2811	+15% by weight RC 2811
Four-ball test (DIN 51350, part 2) welding load	600 - 700 N	2000 - 2200 N	2800 - 3000 N	3800 - 4000 N	4200 - 4400 N
Four-ball test (DIN 51350, part 3) scar diameter 1h/300N	0.70 mm	0.47 mm	0.48 mm	0.52 mm	0.53 mm
Four-ball test (DIN 51350, part 3) scar diameter 1 Minute/1000N	welding	2.1 mm	1.75 mm	0.5 mm	
Load-carrying test according to Brugger load capacity	approx. < 20 N/mm ²	approx. 25 N/mm ²	approx. 35 N/mm ²	approx. 70 N/mm ²	approx. 85 N/mm ²

Packing unit 200 kg bung-hole drums

Storage conditions in a dry place at room temperature approx. 12 months

Handling Consult material safety data sheet (MSDS) for additional handling information on Additin RC 2811.

® = registered trade mark * The analytical data are guide values. Additin RC 2811 is on EINECS and TSCA inventory.

Version: 1/01. Apr 99

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 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.

Rhein Chemie Rheinau GmbH
Duesseldorfer Strasse 23-27
68219 Mannheim, Germany
Tel.: +49-621-8907-0
Fax: +49-621-8907-675
E-Mail: loa.info@rheinchemie.com
www.rheinchemie.com

A company of the
LANXESS
Group





<https://www.lubrex.com.tr/>

lubrex@lubrex.com.tr