

**Additin® RC 2541**

**EP Additive**

**Type** EP additive; low viscosity, light coloured, sulphur carrier with improved copper corrosion

<b>Technical data*</b>	Composition	dialkylpolysulphide
	Appearance	light coloured, low viscosity liquid
	Colour (ASTM-D 1500)	typ. 2.5
	Sulphur	approx. 40 % weight
	Active sulphur (ASTM-D 1662)	approx. 35 % weight
	Copper corrosion (ASTM-D 130) 2.5 % wt. Additin RC 2541 in a paraffinic base oil, 3 h/100 °C	1a
	Viscosity, 40 °C (ASTM-D 445)	approx. 50 mm <sup>2</sup> /s
	Density, 20 °C (ASTM-D 1298)	approx. 1.0 g/l
	Flash point, COC (ASTM-D 92)	approx. 150 °C

**Application**

- water miscible metalworking fluids
- neat metalworking fluids
- greases
- industrial lubricants
- rolling oils

Additin RC 2541 is a dialkylpolysulphide with low copper corrosion and improved load carrying capacity. It is suitable for use in applications where high sulphur content and reactivity is required, but yellow metal compatibility at moderate temperatures is also necessary.

**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**  
Treatment level 2.5% Additin RC 2541

Base Oil	ISO VG 46 Group I	ISO VG 46 Group II	ISO VG 46 Group III
Four-ball test (ASTM D 2783) welding load	400kg pass 420kg weld	400kg pass 420kg weld	400kg pass 420kg weld
Four-ball test (ASTM D 4172) 1h 75°C, 40kg, 1200 rpm scar diameter	0,71mm	0,79mm	0,72mm
Falex Pin & V (ASTM D 3233)	> 3050lbs	> 2940lbs	> 3050lbs

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**Packing unit** 200 kg bunghole drums

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**Storage conditions** Storage temperature: approx. 20 °C; protect from heat and frost!  
Shelf life: approx. 12 months

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**Handling** Consult material safety data Sheet (MSDS)  
for additional handling information on Additin RC 2541.

® = registered trade mark \* The analytical data are guide values. Additin RC 2541 is on EINECS and TSCA inventory.

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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.

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