

**Additin® RC 7130 (PAN)**

**Antioxidant**

**Type** Aminic antioxidant for high temperature applications

<b>Technical data*</b>	Composition	phenyl-1-naphthylamine
	Appearance	light grey to reddish crystals
	Purity	> 99 %
	Nitrogen	approx. 6 % weight
	Density, 20°C (ASTM-D 941)	approx. 1200 kg/m <sup>3</sup>
	Solidification point	> 58°C
	Flash point, COC (ASTM-D 92)	> 200°C

- Application**
- hydraulic fluids
  - turbine- and compressor oils
  - gear oils
  - greases
  - jet turbine oils (synthetic ester)

Additin RC 7130 is an extremely effective aminic antioxidant with a broad field of application. The extraordinary oxidation inhibiting properties of Additin RC 7130 at low treat rates may be visualised e.g. by the rotating bomb test ASTM-D 2272 in comparison to other primary antioxidants. High purity and very low filter residue are attributed to a superior quality of Additin RC 7130.

On exposure to light, lubricants containing Additin RC 7130 can undergo discolouration. However, this does not impair the antioxidant effect.

Additin RC 7130 is registered at NSF as an ingredient in lubricants with incidental food contact (HX-1) for use in and around food processing areas. Additin RC 7130 is in compliance with § 178.3570 according to U.S. Food and Drug administration regulations (lubricants with incidental food contact).

**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 Report

<b>Packing unit</b>	25 kg paper bags (aluminium inliner)
<b>Storage conditions</b>	in a dry place at room temperature approx. 12 months
<b>Handling</b>	Consult material safety data sheet (MSDS) for additional handling information for Additin RC 7130.

® = registered trade mark \* The analytical data are guide values. Additin RC 7130 is on EINECS and TSCA inventory.

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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.

**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](mailto:loa.info@rheinchemie.com)  
[www.rheinchemie.com](http://www.rheinchemie.com)

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