Additin® RC 3080 Antiwear Additive

Type

Additin additive, oxidation inhibitor and mild corrosion inhibitor; light coloured and low odoured

Technical data*

| Composition | 2-ethylhexyl zinc dithiophosphate |
| Appearance | clear, yellow, oily liquid |
| Colour (ASTM-D 1500) | approx. 1.5 |
| Zinc | approx. 8.0 % weight |
| Phosphorus | approx. 7.5 % weight |
| Sulphur | approx. 15 % weight |
| Copper corrosion (ASTM-D 130), 1% weight Additin RC 3080 in a paraffinic base oil, 3 h/160°C: | 1a - 1b |
| Viscosity, 40°C (ASTM-D 445) | approx. 120 mm²/s |
| Density, 20°C (ASTM-D 1298) | approx. 1050 kg/m³ |
| Flash point, COC (ASTM-D 92) | > 150°C |
| Mineral oil content | approx. 10 % weight |

Application

- hydraulic fluids
- water-miscible metalworking fluids
- cutting oils
- greases
- motor oils

Additin RC 3080 is suitable for formulating hydraulic fluids for use where high hydrolytic and thermal stability are required. The extremely good hydrolytic stability allows the trouble free use of Additin RC 3080 in semi-synthetic metalworking fluids.

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

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Packing unit

200 kg bunghole 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 3080.

® = registered trade mark

* The analytical data are guide values.
Additin RC 3080 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 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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