

Additin® RC 3760 Antiwear Additive

Type

Ashless anticorrosion, antiwear and EP additive

Technical data*

Composition	amine neutralized phosphoric acid ester of aliphatic alcohols
Appearance	light yellow liquid
Nitrogen	approx. 2.5 % weight
Phosphorus	approx. 4.9 % weight
Viscosity, 40 °C (ASTM-D 445)	medium to high viscosity
Density, 20 °C (ASTM-D 941)	approx. 0.91 g/ml
Flash point, COC (ASTM-D 92)	approx. 135 °C
Mineral oil content	none

Application

- hydraulic oils
- compressor oils
- turbine oils
- greases
- industrial gear oils
- metalworking fluids

Due to special raw materials Additin RC 3760 has multifunctional properties, i.e. it can be used as an antiwear, EP and anticorrosion additive. Additin RC 3760 is ideally suited for formulating ashless lubricants of which a high load carrying capacity (FZG) is required.

Additin RC 3760 is NSF registered (Reg.-No. 127808). It is acceptable as an ingredient for use in lubricants with incidental food contact (HX-1) for use in and around food processing areas up to a treatment level of 0.5%-wt. Additin RC 3760 is in compliance with § 178.3570 and § 178.3910 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

Packing unit

180 kg bunghole drums

Storage conditions

in a dry place at room temperature approx. 24 months

Handling

Consult material safety data sheet (MSDS)
for additional handling information on Additin RC 3760.

® = registered trade mark

* The analytical data are guide values.

Additin RC 3760 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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