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Keropur® 3448 N

Multipurpose additive concentrate for gasoline

Chemical Composition

Concentrated mixture of PIB-monoamine, polyether and corrosion inhibitor.

Properties

Appearance

Clear yellowish, viscous liquid.

Physical Data

Density at 15 °C	ca. 0.855 g/ml	ASTM D 4052/D 1298
Viscosity at 20 °C	ca. 70 mm²/s	ASTM D 445/D 7042
Pour point	< - 20 °C	ASTM D 97
Flash point	> 55 °C	ASTM D 93

Quality Control

The above-listed data represent average values at the time of going to press of this Technical Information. They are intended as a guide to facilitate handling and cannot be regarded as specified data. Specified product data are issued as a separate product specification.

Solubility

Clear solutions in organic solvents and fuels. Almost insoluble in water.

Application

Keropur 3448 N is a concentrate of BASF's unique polyisobutene amine detergent and a special polyether with high thermal stability. When it is mixed with suitable mineral oils multipurpose additives for gasolines are obtained which efficiently control and remove vehicle intake system deposits in the intake manifold, on intake valves, at injection nozzles or at the carburettor.

In addition, Keropur 3448 N contains a very effective corrosion inhibitor which protects tanks, fuel lines and carburettors against corrosion.

The dosage of the additive package depends on the severity of the gasoline and the keep-clean / clean-up requirements.

We recommend adding between 200 and 500 mg/kg of concentrate and between 100 and 400 mg/kg of mineral oil. We recommend a ratio of about 60 % concentrate and 40 % mineral oil.

Mineral oils with following parameters are particularly suitable for mixing with the concentrate:

Viscosity at 40 °C	min. 100 mm ² /s
Viscosity index, VI	min. 85
Pour point	- 9 °C, or lower
Neutralisation number	max. 0.01 mg KOH/g

We recommend using paraffin based solvent neutral oils with a low content of sulphur.

Storage Stability

Keropur 3448 N is stable under normal storage conditions for at least 1 year.

Packaging

Keropur 3448 N is transported in road tankers or railway tank wagons.

Safety

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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