

Irganox[®] L 135

Phenolic Antioxidant

August 2023 | [Data Sheet EVO](#) | Replaced Version of February 2022

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® = registered trademark of BASF SE

Description Irganox L 135 is a liquid, high molecular weight phenolic antioxidant for lubricating oils

- Benefits and Features**
- Contributes to piston cleanliness in engine oils - both diesel and gasoline
 - Replaces solid methylene-bis-phenols in a cost-effective manner
 - Low water extractability
 - Offers excellent solubility in mineral oil and non-conventional base stocks
 - Contains no diluents
 - Easy to handle bright liquid
 - No tendency to crystallize even at low temperatures

Properties

Appearance Clear yellow liquid

Physical and Chemical Data	Density at 20 °C	0.96 g/cm ³	ASTM D1298
	Viscosity at 40 °C	123 cSt	
	Flash Point (PM)	152 °C (306°F)	
	Ash	Ashless	

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	Mineral Oil	> 5 %
	Ester Base Oil	> 5 %
	Water	< 0.01 %

Application

Typical treat rates

Industrial lubricants	0.1 – 0.5 wt. %
Engine lubricants	0.2 – 0.8 wt. %

Restriction

Storage and Handling Please read Material Safety Data Sheet (MSDS) before handling.

Packaging This information is available on request through our local representative.

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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North America

BASF Corporation
 Fuel and Lubricant Solutions
 NJ 07932
 USA

South America

BASF S.A.
 Fuel and Lubricant Solutions
 04794 000 São Paulo
 Brazil

Europe, Middle East, Africa

BASF SE
 Fuel and Lubricant Solutions
 67056 Ludwigshafen
 Germany

Asia Pacific

BASF East Asia Regional HQ Ltd.
 Fuel and Lubricant Solutions
 45th floor Jardine House
 Hong Kong