CG 1039

Tolytriazole Derivative, Corrosion Inhibitor

1. Chemical Composition

N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriazole-1-methanamine

CAS #: 94270-86-7

2. Product Description

CG 1039 is a liquid derivative of tolytriazole. It has excellent compatibility with mineral oils and synthetic oils, including both PAO and ester base oils. CG 1039 is widely used as a yellow metal deactivator and corrosion inhibitor in lubricants and greases.

3. Applications

Auto and industrial gear oils

Metal-working Fluids

Automatic Transmission Fluids

Hydraulic Fluids

Crankcase Oils

Greases

Recommended treat rates in the oils above are: 50 ppm – 5,000 ppm. Treat rates should be adjusted based on the formulation and application.

4. Typical Chemical and Physical Properties

Appearance	Bright and clear liquid
Color, ASTM 1500	1.5
KV 40 °C, cSt	80
Density, 20 °C, g/mL	0.95
Water Content	< 0.05
Nitrogen	14.5
Flash point, PMCC, °C	> 130

5. Packaging

180 kg / drum or 396 lbs / drum

6. Handling and Storage

Recommended handling temperature: Ambient temperature preferred, 60 °C Max.

Storage: the product is recommended to be stored in cool and dry areas. Direct sunlight should be avoided. Ambient temperature is highly recommended for long-term storage.

Please read SDS for more information on handling and storage.

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