Triboscience & Engineering

Excellence in Synthetic Lubricants

Tribosyn® 402

Tribosyn® 402 is an inorganically thickened Polyalkylene Glycol fluid specially formulated for electrical contacts and contacts exposed to arcing conditions. PAG fluids are less prone to form insulative films in the path of an electrical discharge. The recommended temperature range is -40 to 100ºC.

Typical Properties of Tribosyn® 402

Property	Typical Value	Method
Base Fluid	Polyglycol	Report
Thickener	Amorphous Silica	Report
Kinematic Viscosity, 100°C (cSt)	7	ASTM D445
Kinematic Viscosity, 40°C (cSt)	34	ASTM D445
Viscosity Index	169	ASTM D2270
Pour Point (°C)	-46	ASTM D97
Flash Point (°C)	>250	ASTM D92
Color	Light Green	Visual
Appearance	Smooth	Visual
P_0, 25°C (dmm)	312	ASTM D217
P_{60}, 25°C (dmm)	310 – 340	ASTM D217
NLGI Grade	1	ASTM D217
Oxidation Induction Time, 100°C 3500 kPa O_2 (min)	No Reaction	ASTM D5483
Evaporation, 24 h 100°C (%)	0.8	CTM-1
Copper Corrosion, 24h 100°C	1a	ASTM D4048
Oil Separation, 24 h 100°C (%)	0.8	ASTM D6184
Apparent Viscosity, -40°C T-C Spindle 1 rpm (mPa·s)	2.4×10^6	Brookfield Viscometer

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Specifications:

The typical properties reported on this technical data sheet should not be used for preparing specifications on this grease. Please contact TS&E for assistance in preparing a specification.

Safety:

If fumes are generated at elevated temperatures, ventilation is required. See the Safety Data Sheet for additional safety related information on the grease.

Packaging:

Container	Metric	U.S.
Plastic/Glass Bottle	1 kg	2 lb
Plastic Pail	16 kg	35 lb
Drum	182 kg	400 lb

Disclaimer:

Since we are unable to anticipate or control the conditions under which this information and our products may be used, we cannot guarantee the applicability of this information or suitability of our products in any specific application. Moreover, the products are sold without warranty, expressed or implied. Statements concerning the possible use of our products are not intended as recommendations to use our product in the infringement of any patent.

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