

Tribosyn® 610

Tribosyn® 610 is an **electrically conductive** lithium thickened, synthetic ester grease specially formulated to effectively remove the accumulation of electric charge from rolling element bearings used in photocopy machines and motor bearings controlled by variable frequency drives. Compared to other commercial conductive greases, Tribosyn 610 has a superior volume resistivity. Attributes of Tribosyn 610 include:

Temperature Range from -40 to 150°C

Low Oil Separation Thereby Maintaining Electrical Continuity Between Ball & Race

Excellent Resistance to Oxidative Degradation

A Low Volume Resistivity of 100 Ω -cm

Typical Properties	Method	Result
Base Fluid	Report	Ester
Colour	Visual	Black
Appearance	Visual	Smooth
P ₀	ASTM D217	220
P ₆₀	ASTM D217	220
NLGI Grade	ASTM D217	3
Oil Separation, 24h at 100°C	ASTM D6184	0.0%
Evaporation, 24h at 100°C	CTM	0.4%
Dropping Point	ASTM D2265	>260°C
PDSC, 210°C	ASTM D5483	56 minutes
210°C, 3500 kPa O ₂		
Four Ball Wear	ASTM D2266	0.77mm
Volume Resistivity	CTM	100 ohm-cm
Copper Corrosion		
24h at 100°C	ASTM D4048	1b

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:

Tribosyn 610 does not contain hazardous ingredients. If fumes are generated at elevated temperatures, ventilation is required. See the Material Safety Data Sheet for additional safety related information on the grease.

Compatibility:

Tribosyn 609 should not be used with certain ester vulnerable plastics and elastomers. Materials to be avoided include: ABS, PVC, Polystyrene, PPO, Neoprene, Low Nitrile Buna N and SBR

Packaging:

Container	Metric	U.S.
Plastic Jar	0.5 Kg	1.1 Pound
Plastic Pails Straight Sided	16 Kg	35 Pounds

Disclaimer:

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