



Krytox™ GPL 246

Performance Lubricants

Electrical Conducting Grease

Product Information

Some applications require electrical conductivity. Most greases act as insulators. This special grade of Krytox™ has been formulated with copper powder in grease to act as a conductor of electricity. Krytox™ oils provide long life and high-temperature stability and lubrication.

The addition of copper powder also improves the thermal conductivity of the grease for applications where improved heat transfer is needed; however, it can

increase bearing noise and wear. Thermal conductivity of non-additized Krytox™ GPL 206 grease at 40 °C (104 °F) is 0.127 watts/m²K. The Krytox™ GPL 246 grease at 40 °C (104 °F) has conductivity of 0.272 watts/m²K.

Because Krytox™ GPL 246 is formulated with our Krytox™ GPL 106 base oil, it retains many of the properties of that oil. Consult our "Krytox™ Performance Chemicals Product Overview" brochure for more information.

Typical Properties	Krytox™ GPL 246 Grease
Base Oil Viscosity, cSt	
20 °C (68 °F)	810
40 °C (104 °F)	240
100 °C (212 °F)	25
Useful Temperature Range, °C (°F)	-36 to 260 (-33 to 500)
Appearance	Copper colored, buttery
Consistency	NLGI Grade 2
Electrical Conductivity, ohm ⁻¹ ·cm ⁻¹ , ASTM D257	2.85 x 10 ⁻⁵

The information set forth herein is furnished free of charge and based on technical data that Chemours believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Because conditions of product use are outside our control, Chemours makes no warranties, express or implied, and assumes no liability in connection with any use of this information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF CHEMOURS.

For product information, industry applications, technical assistance, or global distributor contacts, visit krytox.com or within the U.S. and Canada, call 1-844-773-CHEM/2436 or outside of the U.S., call 1-302-773-1000.

© 2016 The Chemours Company FC, LLC. Krytox™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. Chemours™ and the Chemours Logo are trademarks of The Chemours Company.

Replaces: H-58539-4

C-10904 (7/16)

