

DuPont™ Krytox® GPL 246

Electrical Conducting Grease

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.

Because GPL 246 is formulated with our Krytox® GPL 106 base oil, it retains many of the properties of that oil. Consult our “Krytox® Oils and Greases” brochure, H-58505, for more information.

Krytox® GPL 246 Typical Properties

Base Oil Viscosity	810 cSt at 20°C (68°F) 240 cSt at 40°C (104°F) 25 cSt at 100°C (212°F)
Useful Temperature Range	-36 to 260°C (-33 to 500°F)
Appearance	Copper colored, buttery
Consistency	NLGI Grade 2
Electrical Conductivity	$2.85 \times 10^{-5} \text{ ohm}^{-1} \cdot \text{cm}^{-1}$ ASTM D257

For more information or technical assistance, call:
or visit us on the Web:

(800) 424-7502
<http://www.krytox.com>

Or call the Krytox® hotline in the **United States** at (800) 424-7502, E-mail: krytox@usa.dupont.com
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