



# Krytox<sup>®</sup>

performance lubricants

## Krytox<sup>®</sup> GPL 407 Ultrahigh Temperature Grease

Krytox<sup>®</sup> GPL-407 grease is made using a non-melting thickener instead of the normal Krytox<sup>®</sup> PTFE. This change from PTFE to silica boosts the temperature capability of the grease from approximately 316°C (600°F) to an upper limit determined by the evaporation/breakdown temperature of the oil. GPL-407 is made from GPL-107 oil, which, with proper ventilation, can withstand up to 399°C (750°F) and higher temperatures for brief periods. With replenishment/relubrication, it can last longer. While GPL-407 is not meant to replace the GPL-200 series at temperatures below 288–316°C (550–600°F), it does extend the range for using fluorinated greases to beyond the 316°C (600°F) limit of PTFE and Teflon<sup>®</sup> thickened greases.

GPL 407 has higher oil separation than PTFE thickened greases and, therefore, might not last as long under equivalent conditions.

Standard NLGI Grade	#2 Penetration
Base Oil Viscosity, cSt, 20°C (68°F)	1600
40°C (104°F)	440
100°C (212°F)	42
204°C (400°F)	6
260°C (500°F)	3

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**For more information or technical assistance, visit us on the Web: [www.krytox.com](http://www.krytox.com)**

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Or call the Krytox<sup>®</sup> hotline in the **United States** at (800) 424-7502, E-mail: [krytox@usa.dupont.com](mailto:krytox@usa.dupont.com)  
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