Krytox™ GPL-407
Performance Lubricants

Ultrahigh Temperature Grease

Product Information

Krytox™ GPL-407 grease from Chemours is made using a non-melting thickener, instead of the normal Krytox™ 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. Krytox™ GPL-407 is made from Krytox™ GPL-107 oil, which, with proper ventilation, can withstand up to 399 °C (750 °F) and higher temperatures for brief periods. With replenishment/re-lubrication, it can last longer. While Krytox™ GPL-407 is not meant to replace the Krytox™ 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™ thickened greases. Krytox™ 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 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.

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