A QUAKER HOUGHTON COMPANY

Innovation and Experience at Work

Product Data Sheet

RheoGel 108UV

RheoGel 108UV is synthetic hydrocarbon grease prepared from lithium-based thickening agent and fortified with PTFE and additives to improve oxidative stability and promote film formation during transient sub-elastohydrodynamic operating conditions. This grease has been designed for low temperature automotive applications and also contains a UV marker dye.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic hydrocarbon
Temperature Service Range (°C)			-50 to 125
GREASE CHARACTERISTICS			**TYPICAL VALUE ***
Thickener			Lithium
Color			Off White with UV Light Response
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		260 min.
	Worked	60X	265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			260 min.
Oil Separation (ASTM D6184)	24h at 100°C		7% max.
Oil Separation (ASTM D1742)	24h at 25°C		6.2%
Evaporation (CTM-1)	24h at 100°C		1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C		2.20%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1b max.
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2,100,000 cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg$_f$		0.51mm
Specific Gravity (CTM-2)	25°C		0.89
Low Temperature Torque (ASTM D1478)	-40°C	Start	449 g·cm
		Run 10 min	345 g·cm
		Run 60 min	228 g·cm

*The values stated in this Product Data Sheet are Typical Values and ***must not*** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.

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