



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