



TECTORIUS™ TEC-GLIDE 650™

Synthetic Hydrocarbon Grease

DESCRIPTION:

Tec-Glide 650 is synthetic hydrocarbon grease prepared from lithium-based thickening agent and fortified with additives to improve oxidative stability and promote film formation during transient sub-elastohydrodynamic operating conditions. This grease has been designed for various low temperature automotive applications.

SPECIFICATIONS:

BASE OIL CHARACTERISTICS		TYPICAL VALUE*	
Type		Lithium	
Temperature Service Range (°C)		-50 to 125	
Viscosity (ASTM D445 / DIN 51562-1)	at 100°C	3.9 cSt	
	at 40°C	17.0 cSt	
	at -40°C	2,626	
Viscosity Index (ASTM D2270)		124	
Flash Point (°C) (ASTM D92)		215	
Pour Point (°C) (ASTM D97)		-68	
GREASE CHARACTERISTICS		TYPICAL VALUE*	
Thickener		Lithium	
Color		Neutral	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	285	
	Worked	60x	268
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		>260	
Oil Separation (ASTM D6184)	24h at 100°C	4.76%	
Oil Separation (ASTM D1742)	24h at 25°C	6.20%	
Evaporation (CTM-1)	24h at 100°C	0.67%	
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	
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 40 kg _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

* Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied.