

ViscoTech TEK578

This calcium-thickened grease containing rust and oxidation inhibitors was developed for low temperature requirements. The operating range of -46°C to 107°C makes this an excellent lubricant for a wide range of applications. Meets Ford Motor Company specification WSB-M1C163-D.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Mineral Oil
Temperature Service Range (°C)			-46 to 107
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Anhydrous Calcium
Color			Amber
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Worked	60X	265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			138
Oil Separation (ASTM D6184)	24h at 100°C		1.81%
Evaporation (CTM-1)	24h at 100°C		8.8%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38 °C		11.7%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1a
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		4.1x10 ⁶ cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f		0.623mm
	Dynamic Coefficient of Friction (steel on steel)		0.083
Specific Gravity (CTM-2)	25°C		0.91
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C		34.5 kPa
Low Temperature Torque (ASTM D1478)	-40°C	Start	1866 g-cm
		Run 10 min	195 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.