



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