



TriboGel 904

TriboGel 904 was designed as a grease for heavily loaded, slow moving gearbox applications. It provides a thicker film than oil on gear teeth to provide lubrication under boundary conditions, particularly with frequent starts and stops. It provides greater protection than oil under shock loading conditions. It may be used to replace gear oil in leaking gearboxes. It should not be used where splash lubrication is required for bearings at the top of the gearbox.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 125 °C
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium 12-Hydroxystearate
Color			Yellow/Green
Appearance			Smooth
NLGI Grade			0
Penetration (ASTM D-217)	Unworked		355-385
	Worked	60X	355-385
Evaporation (CTM-1)		24h at 100°C	2% max.
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			180
Apparent Viscosity	25°C, 2 s ⁻¹		71,568 cP
	25°C, 50 s ⁻¹		6,393 cP
Four Ball Wear (ASTM D-2266)	60 min, 122 rpm, 40 kg	75 °C	0.42
		Coefficient of Friction	0.045
Specific Gravity @ 25°C			0.83

*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.