



Innovation and Experience at Work

ViscoTech R343

This PTFE-filled polymer-type lubricant is designed for use in applications where the material is subjected to heavy pressure and/or shock loads. The polymer additive will provide a tough adhesive film giving a barrier to help reduce wear, while the PTFE gives an improved EP package along with improved anti-friction characteristics.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			Mineral Oil
Temperature Service Range (°C)			-51 to 149
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Tan
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		265-295
	Worked	60X	265-295
		10,000X	285
		100,000X	298
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			200 min.
Oil Separation (ASTM D6184)	24 h at 100°C		3% max.
Evaporation (CTM-1)	24 h at 100°C		1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 82°C		1.5%
Oxidation Stability (ASTM D942 / DIN 51808)	100h @ 100°C		21 kPa
Specific Gravity (CTM-2)	25°C		0.998
Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4)	OK Load		370 kg

*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.

Engineered Custom Lubricants

IATF 16949 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: eclusa_customer@quakerhoughton.com • www.ecllube.com

DISCLAIMER: 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. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications.