



Innovation and Experience at Work

IsoTech ES1120N

IsoTech ES1120N is fully synthetic powdered metal impregnating oil fortified with additives to improve the lubrication of sintered metal parts at both low and elevated temperatures. This oil contains additives to reduce friction and wear under nonelastohydrodynamic conditions. It is formulated with an effective rust preventative. It has a low pour point, high flash point, and high viscosity index with low volatility.

CHARACTERISTICS		TYPICAL VALUE *
Туре		Synthetic Ester
Color		Light Amber
Temperature Service Range (°C)		-40 to 150
Evaporation (CTM-1)	24h at 100°C	1% max.
Four Ball Wear (ASTM D2266)	60min 1200rpm 40kg _f 75°C	0.78mm
	Dynamic Coefficient of Friction (steel on steel)	0.121
Specific Gravity at 25°C		1.0
Neutralization Number (ASTM D664), mg KOH/g		<2
Copper Strip Corrosion (ASTM D130)		1a
Refractive Index at 25°C (ASTM D1218)		1.4600

*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.