

PERFORMANCE CHARACTERISTICS OF SEVERAL LUBRICANTS

PROPERTIES

	<i>Mineral oil (Paraffinic)</i>	<i>Polyalphaolefin</i>	<i>Dialkylated Benzene</i>	<i>Polyol ester</i>	<i>Dibasic acid ester</i>	<i>Polyglycol</i>	<i>Phosphate ester</i>	<i>Silicone fluid</i>
Viscosity-temperature	F	G	F	G	G	VG	P	E
Low temperature	P	G	G	G	G	G	F	G
High-temperature oxidation stability	F	VG	G	G	E	G	F	G
Compatibility with mineral oil	E	E	E	G	F	P	P	P
Low volatility	F	E	G	E	E	G	G	G
Compatibility with paints and elastomers	E	E	E	P	P	G	P	VG

E = Excellent; VG = Very Good; G = Good; F = Fair; P = Poor