







Fluid Function Performance by Base Stock

	Polyglycol (Sullube®)	Silicone (24KT™)	Synthetic Hydrocarbons PAO	Hydro-treated Hydrocarbon	Hydrocarbon	Polyglycol Blends/Diesters
Lubrication	Good	Good	Good	Good	Good	Good
Seals the Rotors	Good	Good	Good	Good	Good	Good
Thermal Conductivity	Highest	Very High	Low-Moderate	Low-Moderate	Low-Moderate	Moderate
Varnish Formation	NO Varnish Cleans Varnish	NO Varnish	WILL Varnish	WILL Varnish	WILL Varnish	Forms Sludge
						
Carryover	Very Low <1 ppm	Low-Moderate	Moderate 3-4 ppm	Moderate 4-5 ppm	Moderate-High 6 ppm	Moderate 4-6 ppm
Flash Point	505°F 262°C	484°F 252°C	450°F 232°C	413°F 212°C	360°F 182°C	High
System Compatibility	Excellent	Excellent	Good	Good	Good	Potential Problems
Biodegradable Condensate	Yes	No	No	No	No	No