



Phosphorus, wt. %	ASTM D5185	0.033	0.033	0.033	0.033	0.033	0.034
Pour Point °C (°F)	ASTM D5950	-42°C (-44°F)	-39°C (-38°F)	-33°C (-27°F)	-30°C (-22°F)	-30°C (-22°F)	-42°C (-44°F)
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8576	0.8631	0.8683	0.8723	0.8755	0.8597
Sulfur, wt. %	ASTM D4951	0.065	0.065	0.065	0.065	0.065	0.071
Viscosity @ 100°C cSt	ASTM D445	4.36	5.55	6.95	8.95	11.31	7.89
Viscosity @ 40°C cSt	ASTM D445	21.82	32.11	46.03	69.25	99.86	44.86
Viscosity Index	ASTM D2270	107	110	105	103	99	148
Zinc, wt. %	ASTM D5185	0.041	0.041	0.041	0.041	0.041	0.043
Flash Point °C	ASTM D92	-	210	225	228	-	-
Flash Point °F	ASTM D92	-	410	437	442	-	-
Vapor Pressure at 20°C		-	<0.013 kPa at 20°C	<0.013 kPa at 20°C	<0.013 kPa at 20°C	-	-

#### INDUSTRY/OEM APPROVALS

Title	Anti-Wear ISO 22	Anti-Wear ISO 32	Anti-Wear ISO 46	Anti-Wear ISO 68	Anti-Wear ISO 100	All Year Hyd
ASTM D6158	Meets Requirements	Meets Requirements	Meets Requirements	Meets Requirements	Meets Requirements	-
Bosch Rexroth	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
DIN 51524, Part 1,2,3	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Eaton E-FDGN-TB002-E, 35VQ25A	Meets Requirements	Meets Requirements	Meets Requirements	Meets Requirements	Meets Requirements	-
General Motors LS-2	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
JCMAS HK	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Parker Denison HF-0, HF-1	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Parker Denison HF-2	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Racine	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Sperry Vickers/Eaton I-286-S, M-2950-S	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
US Steel 127, 136	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	Suitable for Use	-
Cincinnati/MAG IAS P-68	-	Suitable for Use	-	-	-	-

Cincinnati/MAG IAS P-70	-	-	Suitable for Use	-	-	-
Cincinnati/MAG IAS P-69	-	-	-	Suitable for Use	-	-

Information accurate as of June 6, 2020