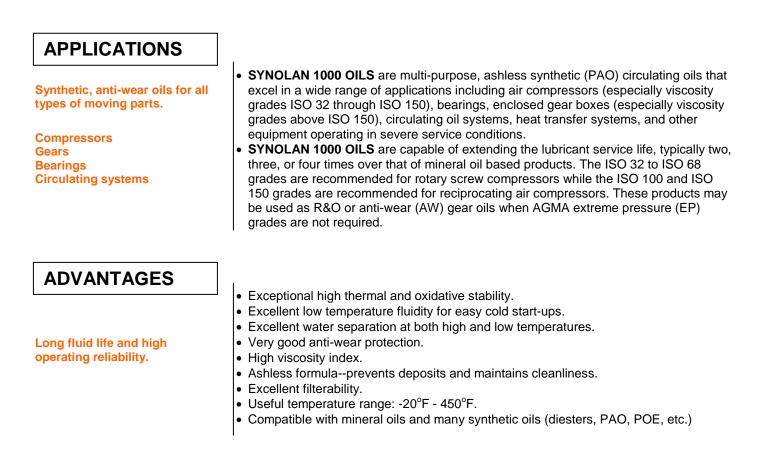




Premium, Synthetic (PAO), Ashless Multi-Purpose Oils.



TEST PROPERTIES --- PLEASE SEE NEXT PAGE

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(Page 2)





Premium, Synthetic (PAO), Ashless Multi-Purpose Oils.

TYPICAL CHARACTERISTICS	METHODS	SYNOLAN 1000					
ISO Viscosity Grade		32	46	68	100	150	
AGMA Grade		-	1	2	3	4	
API Gravity	ASTM D 1298	35.0	36.0	33.0	32.5	30.8	
Viscosity at 40°C, cSt	ASTM D 445	30.0	42.3	69.5	106.0	150.0	
Viscosity at 100°C, cSt	ASTM D 445	6.0	7.3	12.4	18.0	17.5	
Viscosity Index	ASTM D 2270	148	136	180	189	128	
Density @ 60°F, lbs./gal.	ASTM D 1298	7.08	7.04	7.15	7.19	7.26	
Specific Gravity @ 60/60°F	ASTM D 1298	0.848	0.845	0.860	0.863	0.872	
Pour Point, [°] F([°] C)	ASTM D 97	-70(-57)	-70(-57)	-55(-48)	-45(-43)	-40(-40)	
Flash Point, COC, ^o F(^o C)	ASTM D 92	500(260)	530(277)	500(260)	500(260)	475(246)	
Oil-Water Separation Time, min.	ASTM D 1401	15	15	45	45	-	
Copper Corrosion	ASTM D 130	1B	1B	1B	1B	1B	
4 Ball Wear, scar diam., mm	ASTM D 2266	0.50	0.50	0.50	0.50	0.40	

TYPICAL CHARACTERISTICS	METHODS	SYNOLAN 1000						
ISO Viscosity Grade		220	320	460	680	1000		
AGMA Grade		5	6	7	8	8A		
API Gravity	ASTM D 1298	30.2	29.6	29.2	28.4	27.5		
Viscosity at 40°C, cSt	ASTM D 445	234.0	320.0	480.0	654.0	937.0		
Viscosity at 100°C, cSt	ASTM D 445	23.7	29.1	38.4	55.3	68.0		
Viscosity Index	ASTM D 2270	127	124	124	146	144		
Density @ 60°F, lbs./gal.	ASTM D 1298	7.29	7.31	7.34	7.37	7.41		
Specific Gravity @ 60/60°F	ASTM D 1298	0.875	0.878	0.875	0.885	0.890		
Pour Point, °F(°C)	ASTM D 97	-35(-37)	-30(-34)	-20(-29)	-30(-34)	-20(-29)		
Flash Point, COC, °F(°C)	ASTM D 92	475(246)	470(243)	465(241)	520(271)	520(271)		
Oil-Water Separation Time, min.	ASTM D 1401	30	30	30	30	-		
Copper Corrosion	ASTM D 130	1B	1B	1B	1B	1B		
4 Ball Wear, scar diam., mm	ASTM D 2266	0.40	0.40	0.40	0.40	0.40		

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SYNOLAN 6-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at www.totalspecialties.com. Copyright 2016 All rights reserved.