

PRODUCT	3005	3007	3015	3032	3068	3150	3220	3460
ISO Grade	5	7	15	32	68	150	220	460
Viscosity, cSt								
20 °C	7	16	36	80	180	550	810	1600
40 °C	4	8	15	30	60	160	270	440
100 °C	-	2	3	5	9	18	25	42
Pour point								
°C	-54	-54	-50	-40	-35	-30	-25	-20
°F	-65	-65	-60	-40	-30	-20	-15	-5
Density, g/ml								
0°C (32°F)	1.87	1.89	1.91	1.92	1.93	1.94	1.95	1.95
100°C (212°F)	1.67	1.7	1.72	1.74	1.75	1.76	1.77	1.78
Maximum Volatility, % in 22 hours								
@ 66 °C (150°F)	11	2	2	1	1	1	<1	-
@ 121 °C (250°F)	87	29	20	7	3	2	1	-
@ 204 °C (400°F)	-	-	-	-	-	10	<5	<1

Appearance	clear, colorless fluid							
4-Ball Wear Test (20 kg/107 °C (250°F)/1200rpm/60 min)								
Wear Scar, mm ( 0.01)	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4
Friction Coefficient ( 0.003)	0.08	0.07	0.07	0.07	0.08	0.07	0.08	0.08
Falex-Pin/V-Blo								
Load-Carrying Ability								
Max. Load,lbs.	1375	1400	1250	1555	1450	>4500	>4500	>4500
Torque at max. Load, in lb.	30	31	32	35	32	56	65	65
Estimated Useful Fluid Range								
°C	-54/66	-54/104	-50/132	-40/154	-35/179	-30/204	-25/260	-20/288
°F	-65/150	-66/220	-60/270	-40/310	-30/355	-20/400	-15/500	-5/550