RED LINE SYNTHETIC OIL CORP.
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Synthetic Race Oils

Red Line Race Oils are used by many teams who have found that the improved performance and equipment durability is the key to winning. Red Line Race Oils are made with the most thermally stable synthetic base stocks available and provide the best high-temperature lubrication and a higher film strength than any petroleum or synthetic product marketed. The ability of Red Line Oil to lubricate hot metal has enabled many cars to not only finish, but to win races after losing coolant, without serious damage to the engine. Even though Red Line Race Oils are straight grades, their low-temperature properties make them exceptional multigrades. Red Line Race Oils allow 1-3% more power than an oil of similar viscosity, while providing much more protection. Each reduction in viscosity grade allows 1-2% more power. To reduce the chance of detonation, our race oils contain low detergent amounts and are not recommended for street use.

Typical Properties

	2WT	5 WT	10 WT	20 WT	30 WT	40 WT
Viscosity Grade:						
SAE		0W	0W10	5W20	10W30	15W40
Vis @ 100°C, cSt	3.00	4.6	5.5	7.5	9.8	13.5
Vis @ 40°C, cSt	11.0	21.8	28.1	43	64	93
Viscosity Index	136	134	141	142	136	146
CCS Viscosity, Poise	4 @ -30°C	20@ -30°C	30@ -30°C	30 @ -25°C	34 @ -20°C	33 @ -15°C
Pour Point, °C	-54	-54	-54	-50	-50	-45
Pour Point, °F	-65	-65	-65	-58	-58	-49
Flash Point, °C	160	210	215	235	270	275
Flash Point, °F	320	410	420	455	518	527
NOACK Evaporation Loss, 1hr @ 482°F (250°C), %	65	12	9	6	6	6

	50 WT	60 WT	70 WT
Viscosity Grade:			
SAE	15W50	20W60	70
Vis @ 100°C, cSt	16.8	23.0	33
Vis @ 40°C, cSt	118	162	318
Viscosity Index	146	171	150
CCS Viscosity, Poise	34 @ -15°C	30 @ -10°C	
Pour Point, °C	-45	-40	
Pour Point, °F	-49	-40	
Flash Point, °C	272	270	220
Flash Point, °F	522	518	428
NOACK Evaporation Loss, 1hr @ 482°F (250°C), %	6	6	6

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