RED LINE SYNTHETIC OIL CORP.
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Synthetic Motor Oils

Red Line Motor Oils are designed to provide the highest degree of protection and cleanliness for your automotive, motorcycle, or marine engine. We use the most stable synthetic components available and formulate our products for wear protection across a wide range of engine operating conditions. Red Line lubricants are unique because they contain PE Polyol Ester base stocks, the only lubricants which can withstand the tremendous heat of modern jet engines. This high-temperature stability makes our motor oil a necessity to properly lubricate a turbocharger or hot-running engine. The synthetic base stocks have a natural multigrade property, which means that large amounts of unstable polymeric thickeners, like those used in petroleum oils, are not required to manufacture our multigrades.

Typical Properties

	0W20	0W30	0W40	5W20	5W30	5W40	5W50	10W30	10W40	10W50	10W60	15W40	15W50	20W50
Recommended for API Service Class:	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/SL CF	SN/SM/CF CJ-4/CI-4	SN/SM/SL CF	SN/SM/SL CF
ACEA	A5/B5	A5/B5	A3 B3/B4	A5/B5	A3 B3/B4	A3 B3/B4	A3 B3/B4	A3 B3/B4	A3 B3/B4	A3 B3/B4	A3 B3/B4	A3 B4 E9	A3 B3/B4	A3
Viscosity Grade:														
SAE	0W20	0W30	0W40	5W20	5W30	5W40	5W50	10W30	10W40	10W50	10W60	15W40	15W50	20W50
Vis @ 100°C, cSt	9.1	11.7	15.4	9.0	11.9	15.6	21.0	11.4	15.1	19.7	25.9	14.5	19.6	19.8
Vis @ 40°C, cSt	48	69	86	53	71	97	130	70	97	123	170	97	138	148
Viscosity Index	172	166	190	147	166	174	186	155	164	183	187	155	162	155
CCS Vis, Poise, @°C	55@-35	59@-35	57@-35	60@-30	60@-30	58@-30	60@-30	50@-25	56@-25	65@-25	65@-25	65@-20	65@-20	50@-15
HTHS Vis, cP @150°C ASTM D4741	2.9	3.2	4.0	3.0	3.7	4.4	5.0	3.5	4.4	5.0	5.8	4.7	5.8	6.1
Pour Point, °C	-60	-60	-60	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
Pour Point, °F	-76	-76	-76	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49
Flash Point, °C	230	230	230	232	232	232	232	234	234	234	234	236	236	234
Flash Point, °F	446	446	446	450	450	450	450	454	454	454	454	458	458	454
NOACK Evap Loss, 1hr @ 482°F (250°C), %	9	9	9	8	6	6	6	6	6	6	6	6	6	6