SUPER LIFE® PAO FULL SYNTHETIC RACING MOTOR OILS

SUPER LIFE® PAO FULL SYNTHETIC RACING MOTOR OILS are race-proven low friction full synthetic lubricants, specifically designed with **polyalphaolefins (PAOs)** Synthetic base stocks and the most advanced additive technology for use in high performance modern gasoline engines or partial alcohol or nitro fuels in track and street competition, where the special friction modifier will provide maximum horsepower under extreme racing conditions. Suitable even in case of extremely high ambient temperatures.

APPLICATIONS:

SUPER LIFE® PAO FULL SYNTHETIC RACING MOTOR OILS are recommended for naturally aspirated, supercharged and turbocharged in racing and high performance engines.
They provide maximum performance and superior protection to all racers such as NASCAR, NHRA, ADRL, Top Sportsman, World of Outlaws and Bonneville Salt Flats.
They are not recommended for use in wet clutches.

BENEFITS:

- Suitable for use with avgas, methanol, nitro & E85 (racing &competition only) as well as conventional fuel.
- Ultimate engine protection. Increase thermal and oxidation stability at extreme high temperatures.
- Faster cold start and improve oil flow at extreme low temperature.
- Synthetic base for added oxidation stability, improved volatility and low temperature properties.
- Protect against harmful deposits and acid.
- Decrease of combustion exhaust gas emissions.
- Less friction gives fuel-economy & better performance.
- Extend engine life
- Excellent at maintaining engine cleanliness.

TYPICAL CHARACTERISTICS

Test	Method		Typical Results								
SAE Viscosity Grade	SAE J300	**0W-8**	**0W-10**	**0W-16**	**0W-20**	**0W-30**	**0W-40**	**0W-50**	**5W-30**	**5W-40**	**5W-50**
API Gravity	ASTM D 287	40	40	39.39	39.39	38.98	37.56	37.56	37.96	36.75	35.66
Specific Gravity @ 15.6 ° C (60°F	ASTM D1298	0.825	0.825	0.828	0.828	0.830	0.837	0.837	0.835	0.841	0.842
Viscosity@ 40°C, cSt @ 100°C, cSt	ASTM D445	26.94 5.50	29.47 5.88	37.35 7.3	31 6.5	65.5 11.7	89 14.90	130 19.5	68 11.9	89 14.60	136.9 20.10
Viscosity Index	ASTM D2270	147	148	165	171	176	176	171	173	172	170
Flash Point, °C (°F)	ASTM D92	220 (428)	220 (428)	240 (464)	250 (482)	255 (491)	255 (491)	255 (491)	255 (491)	255 (491)	255 (491)
Pour Point, °C (°F)	ASTM D97	-60 (-76)	-60 (-76)	-55 (-57)	-55 (-67)	-50 (-58)	-50 (-58)	-50 (-58)	-50 (-58)	-50 (-58)	-50 (-58)
Noack , wt%	ASTM D5800	12.8	12.5	11.8	12.2	10.1	9.2	6.8	9.4	9.2	8.8

Test	Method	Typical Results								
SAE Viscosity Grade	SAE J300	**10W-30**	**10W-40**	**10W-60**	**15W-40**	**15W-50**	**20W-50**	**20W-60**	**Nitro 50**	**Nitro 60**
API Gravity	ASTM D 287	36.95	35.66	34.97	34.77	34.97	34.58	34.58	34.00	34.00
Specific Gravity @ 15.6 ° C (60°F)	ASTM D1298	0.840	0.842	0.850	0.851	0.850	0.852	0.852	0.855	0.855
Viscosity @ 40°C, cSt @ 100°C, cSt	ASTM D445	 70.25 11.8	 85.45 14.0	 170 24.0	 105.4 15.4	 126.5 18	 127 18.2	 180 23.9	 147.5 20.5	 180 24.2
Viscosity Index	ASTM D2270	165	169	172	154	159	160	162	162	165
Flash Point, °C (°F)	ASTM D92	260 (500)	260 (500)	260 (500)	260 (500)	260 (500)	260 (500)	260 (500)	270 (518)	270 (518)
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-45 (-49)	-45 (-49)	-45 (-49)	-45 (-49)	-45 (-49)	-45 (-49)	-40 (-40)	-40 (-40)
Noack, wt%	ASTM D5800	6.4	7.5	7.0	6.0	6.8	6.5	6.4	6.3	5.5

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:
Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and container to collection centers
Reference SDS Number 12022a database on our website at ***www.amtecol.com***