Alisyn®ProDrive 21 Type 6

Synthetic Lubricating Oil

CHARACTERISTICS

Alisyn ProDrive 21 Type 6, 0W-20 is a light viscosity, oxidatively stable, corrosion resistant, wide temperature range synthetic lubricating oil. It is compatible with most plastic, elastomeric, and rubber seals, gaskets, and O-rings, except EPDM rubber.

APPLICATIONS

Alisyn ProDrive Racing Oils have been race proven in the most demanding environments. Indy Cars, GTP Lights, SCAA Endurance Cars, Pro Stock, Pro Modified Drag Cars, and high performance motorcycle and marine engines have all used these oils. Our additive package gives exceptional load carrying capability (+4250 lb. Falex loads) while offering superior oxidation stability. Operating temperatures reductions of 30ºF to 45ºF and operating efficiency gains of 15% can be expected when compared to conventional lubricants or other synthetics.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUES
Temperature Range			-65ºF to 400ºF
SAE No.			0W-20
ISO VG	ASTM D-2422		32
Viscosity	ASTM D-445	@ 210ºF	45.8 SUS/5.98 cSt
		@ 100ºF	169.4 SUS/36.19cSt
		@ 0ºF	806 cSt
		@ -40ºF	7,082 cSt
Viscosity Index	ASTM D-2270		118
Evaporation	ASTM D-2595	6.5 hrs @ 400ºF	5.5%
Flash Point	ASTM D-92		460ºF
Fire Point	ASTM D-92		505ºF
Pour Point	ASTM D-97		Below -65ºF
Load Wear Index	ASTM D-2783		40
Last Non-Seizure		Load/Wear Scar	80 kg/0.39 mm
Last Seizure		Load/Wear Scar	200 kg/2.59 mm
Weld Load		Load	250 kg
Steel-on-Steel Wear	ASTM D-4172	1200 rpm, 40 kg, 52100 Steel, 1 hr	0.70 mm
Specific Gravity	ASTM D1298	@ 60º/60ºF	0.8408
API Gravity	ASTM D-1298		36.8
Rust Preventive Properties	ASTM D-665	Procedure A	Pass
		Procedure B	Pass
Oxidation Test	ASTM D-2893	312 hrs @ 203ºF	
		Viscosity Incr. @ 212ºF	0.90%
		Precipitation No., Orig.	0.0
		Precipitation No., Orig.	0.0
Foam Test	ASTM D-892	Sequence 1 (mls @ 5 min air/mls settling)	5/0 @ 7 sec
		Sequence 2 (mls @ 5 min air/mls settling)	2.5/0 @ 2 sec
		Sequence 3 (mls @ 5 min air/mls settling)	5/0 @ 2 sec
Falex EP Test	ASTM D-3233	Last Pass Load	4,250 lbs
		Conv. to Contact Pressure	202,286 psi