

Alisyn[®] ProDrive 21 Type 4

Synthetic Lubricating Oil

CHARACTERISTICS

Alisyn ProDrive 21 Type 4, 20W-50 meets the requirements of a SAE 75W-90 gear oil as well the requirements of a SAE 20W-50 engine oil. Alisyn ProDrive Type 4 is an 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 marine engines have all used these oils. Our additive package gives exceptional load carrying capability (+4500 lb. Falex loads) while offering superior oxidation stability. Operating temperatures reductions of 30°F to 45°F 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			-30°F to 400°F
SAE No.			20W-50/75W-90
ISO VG	ASTM D-2422		150
Viscosity	ASTM D-445	@ 210°F	19.4 cSt
		@ 100°F	134.1 cSt
		@ 0°F	Not Available
		@ -40°F	Not Available
Viscosity Index	ASTM D-2270		165
Evaporation	ASTM D-2595	6.5 hrs @ 400°F	%
Flash Point	ASTM D-92		450°F
Fire Point	ASTM D-92		F
Pour Point	ASTM D-97		-33°C
Load Wear Index	ASTM D-2783		67.9
Last Non-Seizure		Load/Wear Scar	160 kg/0.51 mm
Last Seizure		Load/Wear Scar	250 kg/2.50 mm
Weld Load		Load	315 kg
Steel-on-Steel Wear	ASTM D-4172	1200 rpm, 40 kg, 52100 Steel, 1 hr	0.52mm
Specific Gravity	ASTM D1298	@ 60°/60°F	0.86
API Gravity	ASTM D-1298		32.2
Rust Preventive Properties	ASTM D-665	Procedure A	Pass
		Procedure B	Pass
Oxidation Test	ASTM D-2893	312 hrs @ 203°F	
		Viscosity Incr. @ 212°F	+1.65%
		Precipitation No., Orig.	0.0
		Precipitation No., Orig.	Trace
Foam Test	ASTM D-892	Sequence 1 (ml @ 5 min air/mls settling)	20ml/0 @ 9 sec
		Sequence 2 (ml @ 5 min air/mls settling)	25ml/0 @ 8 sec
		Sequence 3 (mls @ 5 min air/mls settling)	trace/0 @ 4 sec
Falex EP Test	ASTM D-3233	Last Pass Load Conv. to Contact Pressure	4,500 lbs 140,239 psi
Timken Load Arm	ASTM D-2782	OK Load, lbs	+85
		Fail Load, lbs	+90
FZG Gear Test		Load Stage	+ 12 Stage