



Quality is in our nature

Eurol Specialty Racing 10W-60

High performance engine oil for racing applications



RACING

Description

Eurol Specialty Racing 10W-60 is a fully synthetic racing engine oil based on Eurol SYNGIS Technology. This additive technology ensures high power output and unmatched protection against wear in the most extreme conditions.

Product advantages

- Extreme wear protection, especially during engine warm up
- Up to 10% higher oil pressure at operating temperature
- Up to 60% wear reduction compared with other racing engine oils
- Outstanding detergency, excellent engine cleanliness
- Reduces friction, thereby increasing power output and higher top speed
- Virtually no viscosity loss during use, extending engine life
- Outstanding protection of flat-tappet camshafts

Application

Developed for use in engines in competition use. It has been approved for use in both naturally aspirated and turbocharged engines, whether carbureted or direct injected. Delivers maximum performance in both gasoline and diesel applications.

Eurol Specialty Racing 10W-60 motor oil has been successfully used in:

- Corvette C7 GT3-R with APP Racing engines
- Dakar Rally with Coronel Dakar team

Approved and recommended by APP Racing Engines, international race engine supplier.

Official engine supplier of the Callaway Corvette C7 GT3-R.

Instructions for use

Flush the engine using Eurol Additive-S Flush in the old engine oil.

Drain the old oil and change the filter.

Note: Eurol Specialty Racing 10W-60 is not recommended for street use. In case of any application-related questions, please visit www.eurol.com/racing

Physical properties

Colour	Brown	
Density	0,870 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	167 cSt	ASTM D 445
Viscosity, kinematic at 100°C	24,9 cSt	ASTM D 445
Viscosity Index	182	

technology **SYNGIS**[®]

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This sheet contains recommendations or suggestions on properties and possible applications of Eurol products. Because of continuous product research and development, the information in this document can be changed at all times, without foregoing notice. The analytical information in this document consists of typical incorrectness of the text. The reader is advised to make the final product choice in dialogue with the supplier.

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APPLICATION SHEET

Quality is in our nature

LS3 engine dyno

Type of racing: Rally racing
Used product: Eurol Specialty Racing 10W-60
Product code: S099002
Type of vehicle: Chevrolet LS3 V8, restricted
Product use: Engine oil

Description of problem

Engine ran on a standard 10W-60 every year. Engine experienced engine wear throughout Dakar rally because of sand ingress. Also occasional drop in oil pressure.

Solution

Eurol Specialty Racing 10W-60 offers a higher oil pressure and an improved film thickness on the moving parts of the engine. It offers protection against wear, from the cold start up to high operating temperatures. The oil is not susceptible to shear losses, maintaining its viscosity throughout the drain interval.

Customer testimonial

Aart Andriessen, CEO, APP Racing engines: "13 kPa increase in oil pressure, excellent wear protection, reaches peak power earlier, peak power output increase of 6 bhp across a wider RPM range. Peak torque increase of 9 Nm."

RACING

Performance

Wear reduction

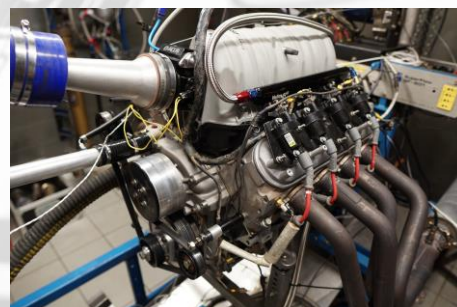
60%

Power increase

1,6%



Engine dyno at APP Racing



Close-up of engine



APPLICATION SHEET

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Nascar engine dyno

Type of racing: Oval racing
Used product: Eurol Specialty Racing 0W-40
Product code: S099001
Type of vehicle: Nascar 5.86L V8
Product use: Engine oil

Description of problem

Engines tuned for Mobil1 0W-30, difficult to get hold of. Dutch tuner APP Racing Engines works with a NASCAR engine with flat tappet cams which produces more than 150bhp/L, extreme for a naturally aspirated engine.

Solution

Eurol Specialty Racing 0W-40 has sufficiently high ZDDP content to protect the flat tappets on the camshaft and offers extreme protection against wear. Engine ran without mishap.

Customer testimonial

Aart Andriessen, CEO, APP Racing engines: "3% higher oil pressure, excellent wear protection, high power output. Engine was very clean and did not show any signs of wear after many hours of testing on our dyno."

RACING

Performance

Oil pressure
increase

3%

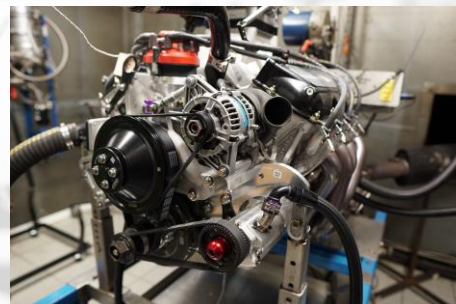
Power increase

1,2%

technology
SYNGIS



Side view



Front view



APPLICATION SHEET

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LS3 engine The Beast

RACING

Type of racing: Dakar Rally
Used product: Eurol Specialty Racing 10W-60
Product code: S099002
Type of vehicle: Jefferies buggy, Coronel Beast 2021
Product use: Engine oil

Performance

Wear reduction

66%

Power increase

1,5%

Cost savings

€8.300,-

Description of problem

During the Dakar Rally, the engine runs at full load for hours, causing temperatures to rise. In these conditions, the engine oil often becomes contaminated with grains of sand as well as fuel. A regular 10W-60 cannot protect the engine against cylinder wear.

Solution

Eurol Specialty Racing 10W-60 offers much better protection. This results in very low wear rates that are comparable to a healthy, standard engine. The viscosity also holds up very well and therefore ensures sufficient oil pressure at all times.

technology **SYN
GIS**

Customer testimonial

Tim Coronel, owner and driver: "The engine performed very well this year. With Eurol Specialty racing, the cylinder compression is still perfect. A recent dyno run showed the power output from the engine to be as before the Dakar, indicating less cylinder wear."



The LS3 engine on the dyno



10W-60 at the bivouac