



Quality is in our nature

## Eurol Specialty Racing 75W-90

High performance transmission oil for racing applications



**RACING**

### Description

Eurol Specialty Racing 75W-90 is a fully synthetic racing transmission 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

- Up to 50% wear reduction compared with other racing gear oils
- Outstanding detergency, excellent gearbox cleanliness
- Reduces friction, lowers gearbox temperature and increases top speed
- Virtually no viscosity loss during use, extended gearbox life
- Outstanding protection of dog clutches, ensuring transmission stays in gear

### Application

Developed for competition use. It has been approved for use in gearboxes and differentials, with or without limited slip capability. Approved for use in manual transmissions with synchronizers and sequential gearboxes with dog clutches.

Eurol Specialty Racing 75W-90 has been successfully used in:

- BMW M3 GTR
- Porsche Cayman

Approved and recommended by RFF Motorsport

### Instructions for use

Flush the transmission or differential using Eurol Additive-S Flush in the old gear oil.

Drain the old oil and change the filter if present.

Note: Eurol Specialty Racing 75W-90 is not recommended for street use. In case of any application-related questions, please visit [www.eurol.com/racing](http://www.eurol.com/racing)

### Physical properties

Colour	Red	
Density	0,878 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	125,5 cSt	ASTM D 445
Viscosity, kinematic at 100°C	18 cSt	ASTM D 445
Viscosity Index	160	

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

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## Differential BMW M3 GTR

Type of racing: Track racing  
Used product: Eurol Specialty Racing 75W-90  
Product code: S099003  
Type of vehicle: BMW E46 M3 GTR  
Product use: Differential oil

### Description of problem

Overheating differential in BMW E46 M3 GTR. Differential cannot be filled with 75W-140 because of used oil cooler. Therefore a 75W-90 differential oil with exceptional wear protection is required.

### Solution

Eurol Specialty Racing 75W-90 reduces wear, flows more easily and is not susceptible to shear, so it will have a very stable viscosity during use. Amount of wear metals in used oil analysis, depending on which, is down between 10% and 50% after switching to Racing 75W-90, even though gears were new.

### Customer testimonial

*Johan van der Maat, CEO, BS Racing: "This new 75W-90 Racing oil does work very well. With the previous used oils and additives we still had too much wear and recently even a complete diff failure. Wear and temperature is lower and when cold it pumps easily through the cooler."*

**RACING**

## Performance

Wear reduction

**12%**

Cost savings

**€2900,-**

technology **SYNGIS**

