



*Quality is in our nature*

## Eurol Specialty Racing 75W-140

High performance transmission oil for racing applications



**RACING**

### Description

Eurol Specialty Racing 75W-140 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

- Extreme wear protection, exceptional protection against pitting
- Up to 80% wear reduction, compared with other racing gear oils
- Outstanding detergency, excellent gearbox cleanliness
- Virtually no viscosity loss during use, extending 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. Recommended for use in sequential gearboxes with dog clutches.

Eurol Specialty Racing 75W-140 has won awards in:

- WTCR with Comtoyou Racing
- Dakar Rally with Toyota GAZOO Racing and Overdrive Racing

### 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-140 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	0,884 kg/l	ASTM D 1298
Viscosity, kinematic at 40°C	246,4 cSt	ASTM D 445
Viscosity, kinematic at 100°C	31,1 cSt	ASTM D 445
Viscosity Index	166	

technology **SYN  
GIS**

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# APPLICATION SHEET

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## Hubs hybrid Dakar truck

Type of racing: Off road racing  
Used product: Eurol Specialty Racing 75W-140  
Product code: S099004  
Type of vehicle: Renault C-460 hybrid  
Product use: Hub reduction gear oil

### Description of problem

Flowability issues when using a fluid grease. Also possibility of misapplication between different parts of the truck, such as transfer case, differentials and hub reductions.

### Solution

Eurol Specialty Racing 75W-140 can be used in all described systems and offers excellent wear protection and an extreme reduction in friction. Temperatures of the hub reductions were around 180°C when using a highly advanced PAG-based gear oil and dropped to 138°C by switching from to the Racing 75W-140. A massive 42°C of friction was removed from the gearbox.

### Customer testimonial

*Mario Kress, CEO, MKR Technology: "Gears were as new, amount of wear was negligible, not even visible. Also the oil was in very good condition after the complete Dakar Rally."*

**RACING**

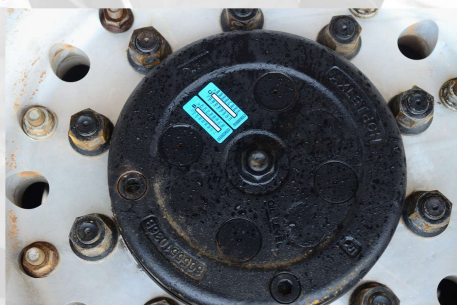
## Performance

Wear reduction

**82%**

Temperature  
reduction

**42°C**



Temperature strips applied



Temperature strips triggered

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# APPLICATION SHEET

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## BMW endurance gearbox

Type of racing: Endurance racing  
Used product: Eurol Specialty Racing 75W-140  
Product code: S099004  
Type of vehicle: BMW F80 M3 Competition  
Product use: Transmission

### Description of problem

The gearbox was operating at more than 130°C sump temperature during a 12h endurance race with the current transmission oil. Outside temperature was approximately 17°C.

### Solution

With Eurol Specialty Racing 75W-140 in the gearbox, during another 12h endurance race, the sump temperature did not exceed 110°C, while the outside temperature had increased to 32°C. This is a direct result of lower friction in the gearbox. Used oil analysis indicated a wear reduction of 55% over a race weekend.

### Customer testimonial

*Joost Ursem, CEO, JR Motorsport: "During races, the new Eurol Racing 75W-140 oil reached a significantly lower temperature compared to Castrol Syntrex 75W-140."*

**RACING**

## Performance

Temperature  
reduction

**20°C**

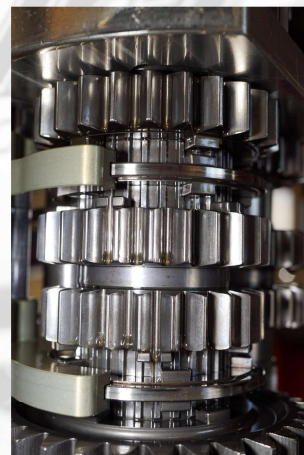
Wear reduction

**55%**

technology **SYN  
GIS**



BMW racecar



Close-up of gears

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