



# RACING SHOCK OIL

## SHOCK ABSORBER OIL with 3D Response Technology

### Description

RACING SHOCK OIL with "3D RESPONSE TECHNOLOGY". This completely re-engineered technology, used for the first time in the latest-generation RACING FORK OIL line, boasts a special molecular structure that facilitates innovative damping behaviour. Tractive and impact forces are no longer diverted along a zig-zag path like an accordion, but are instead directed through a multi-level grid structure. The three-dimensional structure of the new molecular composition forms the basis of the 3D RESPONSE TECHNOLOGY. RACING SHOCK OIL is all about maintaining the absolutely outstanding performance of RACING FORK OIL while withstanding the higher thermal loads encountered in the shock absorber without suffering any losses. Comprehensive test results from professional teams and drivers have confirmed this to us.

### Advantages

- Optimum reduction in the coefficient of friction
- Improved initial breakaway torque (stick-slip)
- Specially developed for high thermal loads
- Minimal formation of foam
- Optimum air release for a very quick process

### Field of application

MOTOREX RACING SHOCK OIL has been specially developed for shock absorber systems with the highest demands. This enables the absorber settings and the RACING SHOCK OIL to work in perfect harmony, giving the driver optimum feedback from the chassis – both on and off the roads.

### Application

We strongly advise you not to carry out maintenance by yourself if you do not have the specialist technical knowledge to do so!

### Dosage

According to manufacturer's specifications

### Notes

MOTOREX recommends that you observe the manufacturer's specifications regarding maintenance intervals and refill quantities or consult an accredited chassis specialist

### Technical data

Properties	Unit	Test according to	Values
Colour			light red
Density at 20 °C	g/cm <sup>3</sup>	ASTM D4052	0.868
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562-1	14.8
Viscosity at 100 °C	mm <sup>2</sup> /s	DIN 51562-1	4.7
Viscosity index		DIN ISO 2909	272
Pourpoint	°C	ASTM D5950	-60
Flash point C.O.C.	°C	DIN EN ISO 2592	≥120

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.



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