

Product Code: 8600

Sector: MINI CHALLENGE

Issue No: 1

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CHALLENGER + LS 75w140

Competition fully synthetic ester limited slip transmission oil

Millers Oils - Official lubricant partner of the MINI CHALLENGE

Millers Oils has co-developed a bespoke range of motorsport oils for MINI's competing in the MINI CHALLENGE race series. Through Millers Oils knowledge and expertise, these cutting-edge lubricants are designed to meet the demanding conditions of top-level competition, with rigorous testing ensuring the highest levels of performance and reliability on the track.

Application

Designed for use in the MINI CHALLENGE Race Series, specifically the JCW Class for vehicles equipped with Quaife Sequential Gearboxes with Tran X Plated Limited Slip Differentials.

Note: Intended for track use only

Performance Profile

API GL-4, GL-5 with Limited slip performance

Typical Characteristics

Density @ 15°C, g/ml	0.857
Kinematic Viscosity @ 100°C, cSt	24.5
Flashpoint °C	>220

How does it work?

In gear oils, the combination of nanoparticles with ester chemistry is used to greatly reduce friction, protect against wear and maximise power.

Features & Benefits

- Fully synthetic oils protect the gear teeth at both low start-up and high running temperatures.
- Ester formulation works synergistically for optimised film strength and anti-wear protection providing component longevity.
- Low friction technology maximises torque and power.
- Exceptional cold flow properties for easier gear changes
- Fast lubrication flow to component extremes on start up.
- Low friction/low drag formulation to help reduce operating temperatures.
- Limited slip additive reduces judder, noise and increase driveline longevity.

Technical & Health and Safety

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