



Technical Data Sheet

CASTROL MAGNATEC PROFESSIONAL A3 10W-40

DESCRIPTION:

Castrol Magnatec Professional A3 is a premium performance SAE 10W-40 engine oil which incorporates advanced synthetic technology. Castrol Magnatec Professional A3 is formulated using an exclusive synthetic ester, which has a strong affinity for the metal surfaces of the engine, providing a tenacious oil film. This "Unique Molecular Attraction" establishes complete and continuous protection, which will not drain away, providing superior engine wear protection in areas of high stress during the critical start-up and warm-up periods.

APPLICATION:

Castrol Magnatec Professional A3 has been designed for used in vehicles produced by all major manufacturers from 1970 to date. This includes all naturally aspirated and turbo-charged petrol engines and all naturally aspirated or turbo-charged indirect and direct injection passenger vehicle diesel engines. Castrol Magnatec is suitable for use in all vehicles which require API SL / CF or ACEA A3 / B4 specifications or less.

BENEFITS:

- Formulated with a high level of "performance reserve" – suitable for specified OEM extended oil drain requirements.
- Low chlorine formulation for environmental responsibility.
- Meets requirements of major vehicle manufacturers.
- High performance synthetic technology engine oil providing superior levels of wear protection.
- Formulated using an exclusive synthetic ester, which clings to engine surface to provide complete and continuous protection, which will not drain away.
- "Unique Molecular Attraction" protects the engine from the moment you turn the key, preventing damaging metal-to-metal contact.
- Provides up to four times more protection than conventional oils during the critical engine start-up and warm-up period.
- Formulated to be fully compatible with all modern vehicle emission control systems.
- Advanced performance additive system provides excellent protection against high temperature deposit formation in both high performance petrol and diesel engines.
- Full catalyst compatibility.

SPECIFICATIONS AND APPROVALS

- SAE 10W-40
- API SL / CF
- ACEA A3 / B4
- MB-Approval 229.1
- VW 501 01 / 505 00
- Fiat 9.55535 D2

TYPICAL CHARACTERISTICS:

Castrol Magnatec Professional A3 10W-40	
Product Code	11310
SAE Grade	10W-40
Density @ 15°C kg/l	0.8631
Kinematic Viscosity @ 40°C mm ² /s	96.74
Kinematic Viscosity @ 100°C ² /s	14.49
Viscosity Index	155
Total Base Number (mgKOH/g)	8.04
Pour Point °C	-33
Flash Point (COC) °C	196
Sulphated Ash % wt	0.84

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