

Castrol Products Technical Data Sheet

IT'S MORE THAN JUST OIL.
IT'S LIQUID ENGINEERING.



Product Data

Castrol Magnatec 10W-40



Description

Up to 75% of engine wear happens while your engine warms up. When the engine stops oils drain off critical engine parts, however Castrol Magnatec's intelligent molecules don't, they cling to the engine like a magnet providing an extra layer of protection ready to protect from the moment you turn the key.

Castrol Magnatec's molecules are always there, always ready, dramatically reducing* engine wear when the most damage happens; as your car warms up.

Castrol Magnatec. Instant protection from the moment you turn the key.

* As tested against the industry Sequence IVA wear test

Applications

Castrol Magnatec 10W-40 is suitable for use in automotive gasoline engines where the manufacturer recommends an API SM or earlier specification 10W-40 lubricant.

Advantages

Castrol Magnatec's Intelligent Molecules:

- Cling to critical engine parts when the oil drains down
- Cling to your engine forming an extra layer that protects during start up and beyond;
- Bond to metal surfaces to make engine parts more resistant to wear;
- Are combined with synthetic technology to provide increased protection in high and low temperature applications;
- Provide continuous protection for all driving conditions, styles and temperatures

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Chemical – physical properties

Typical Characteristics	Methods	Units	Typical
Density @15C Relative	ASTM D4052	g/ml	0.864
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	13.1
Viscosity, CCS -25C	ASTM D5293	mPa.s (cP)	5226
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	87
Viscosity Index	ASTM D2270	None	151
Pour Point	ASTM D97	°C	-33
Flash Point, PMCC	ASTM D93	°C	203
Ash, Sulphated	ASTM D874	% wt	0.73

Product Performance Claims

SAE 10W-40

Meets and exceeds API SM

Storage

All packages should be stored under cover.

Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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