



GTX Magnatec

Applications

Conventional engines may need a different type of oil from advanced or modern engines. Castrol GTX Magnatec 15W-40 for basic engines has been synthetically engineered to provide enhanced protection for this specific use.

Every time you start your car it takes a while for your engine to get fully effective protection from an ordinary oil, because the oil cannot protect properly until it reaches a critical temperature - as a result independent tests show up to 75% of engine wear occurs in the first ten minutes.

Castrol GTX Magnatec 15W-40 is different because it gets to work straight away by virtue of a unique synthetic ester that clings to engine surfaces like a magnet - this "Unique Molecular Attraction" .

A 15W-40 viscosity oils are widely recommended for engines manufactured before 1990.

Features / Benefits

Castrol GTX Magnatec 15W-40 offers 4 times better wear protection than ordinary oils
Up to 60% better than the competitor grades we compared Castrol GTX Magnatec against
Unique triple layer formula with active molecules clinging to engine parts

Specifications / Performance

ACEA A3/B3
API SL/CF

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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

Castrol (UK) Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local Castrol office.

Typical Characteristics

Test Methods	Units	Value:
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SAE 15W-40

<i>Test</i>	<i>Method(s)</i>	<i>Unit</i>	<i>Typical</i>
Density @ 15C, Relative	ASTM D4052		0.881
Appearance	Visual		Clear & bright amber liquid
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.36
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	110
Viscosity Index	ASTM D2270		133

Viscosity, CCS -20C (15W)	ASTM D5293	cP	7000 max
Flash Point, PMCC	ASTM D93	°C	199
Ash, Sulphated	ASTM D874	% wt	1
Total Base Number, TBN	ASTM D2896	mg KOH/g	8

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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