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## **GTD Magnatec**

**Protection from the moment you turn the key**

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### **Applications**

Castrol GTD Magnatec 10W-40 offers total engine protection. Like the other Castrol diesel lubricants it disperses soot particles, preventing large soot deposits from forming and damaging your engine.

However, every time you start your car it takes a while for your engine to get 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. In a diesel engine this is even more critical as diesel engines take longer to warm up than petrol ones.

Castrol GTD Magnatec is different as 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" provides up to 4 times more protection than a conventional oil during the critical start and warm up period

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### **Features / Benefits**

Castrol GTD Magnatec offers 4 times better wear protection than ordinary oils  
Active molecules clinging to engine parts

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### **Specifications / Performance**

ACEA B3/A3  
API CF/SL  
MB 229.1  
VW 505 00

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## 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.

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## 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.

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## Typical Characteristics

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Test Methods	Units	Value:
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SAE 10W-40

<i>Test</i>	<i>Method(s)</i>	<i>Unit</i>	<i>Typical</i>
Density @ 15C, Relative	ASTM D4052		0.875
Appearance	Visual		Clear & bright amber liquid
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	100
Viscosity Index	ASTM D2270		149

Viscosity, CCS -25C (10W)	ASTM D5293	cP	7000 max
Flash Point, PMCC	ASTM D93	°C	194
Ash, Sulphated	ASTM D874	% wt	1
Total Base Number, TBN	ASTM D2896	mg KOH/g	8

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

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