

Castrol® Magnatec™ Diesel 10W- 40 B4

Protection from the moment you turn the key

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 movement 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. Protection from the moment you turn the key.

*as tested against the industry Sequence IVA wear test as compared to API SN.

Applications

Castrol Magnatec Diesel 10W-40 B4 is suitable for use in automotive diesel, gasoline, and natural gas engines (NGV, CNG, and LPG) where the manufacturer recommends an SAE 10W-40 lubricant that meets API CF, ACE A3/B4 or prior specifications.

Castrol Magnatec Diesel 10W-40 B4 is approved for use in Volkswagen Group diesel engines where the vehicle manufacturer recommends an SAE 10W-40 lubricant that meets VW 505 00 specification, also approved for Mercedes Benz engines requiring a 10W-40 lubricant that meets MB-Approval 229.1. Always follow the vehicle manufacturer's recommendation.

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 the 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
- Provides excellent protection against soot agglomeration deposits in the engine minimizing oil thickening
- Exceeds industry standard in the most recent diesel protection tests



Typical Characteristics

Test	Method	Unit	Typical Value
Density Relative @ 15°C	ASTM D-4052	g/ml	0.8623
Kinematic Viscosity @100°C	ASTM D-445	cSt	14.3
Viscosity CCS -20°C	ASTM D-5293	cP max	6600
Kinematic Viscosity @ 40°C	ASTM D-445	mm ² /s	95.6
Viscosity Index	ASTM D-2270	NONE	155
Pour Point	ASTM D-97	°C	-33
Flash Point, PMCC	ASTM D-93	°C, min.	> 200
Ash, Sulphated	ASTM D-874	% wt	0.96

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

Industry Specifications and OEM approvals

ACEA A3 / B4
API CF, SN
Fiat 9.55535- D2
MB-approval 229.1
VW 501 01 / 505 00

User Advice

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

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.

Product Data – Castrol Magnatec Diesel 10W-40 B4
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