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## Tection Gas 15W-40

Protection for gas powered commercial vehicle engines

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### Applications

Castrol Tection Gas is a 15W-40 low ash engine oil designed for use in commercial vehicles fuelled by liquid or compressed natural gas (LNG or CNG).

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### Features / Benefits

Castrol Tection Gas has a special low ash formulation developed to provide complete protection for gas fuelled engines, including liquid and compressed natural gas.

User benefits include:

- Protection against deposit formation. Gas fuelled engines are sensitive to the formation of deposits on the piston crown area, which leads to uncontrolled ignition and consequent loss in engine performance and if unchecked, to complete engine failure. Tection Gas has a special low ash-forming formulation to minimise deposit build-up, this ensures efficient engine operation and longer engine life.
  - Protection against wear. Tection Gas contains advanced anti-wear additives to protect against premature engine failure from wear, so reducing maintenance costs.
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### Specifications / Performance

SAE 15W-40  
Mercedes-Benz MB 226.9 approved  
MAN M3271-1 approved

Volvo CNG approved  
RVI RGD approved  
DAF HP Gas approved

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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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<i>Test</i>	<i>Method(s)</i>	<i>Unit</i>	<i>Typical</i>
Density @ 15C, Relative	ASTM D1298	g/ml	Report, typ = 0.88
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	13.7
Viscosity, CCS -20C	ASTM D5293	cP	
Pour Point	ASTM D5985	°C	-30
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	102
Noack Volatility	DIN 51581	% Loss	11.4
Total Base Number, TBN	ASTM D2896	mg KOH/g	7.0
Ash, Sulphated	ASTM D874	% wt	0.8

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

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