



## Duratec ES 15W-40

Synthetic Natural Gas Engine Oil (NGEO) for On Road Trucks

### Description

Castrol Duratec ES 15W-40 is a synthetic lubricant formulated for use in natural gas fueled engines where minimal thermal degradation and good deposit control is needed. Castrol Duratec ES 15W-40 provides outstanding resistance to nitration and oxidation compared to mineral on road NGEO and meets the performance requirements of many of today's mobile natural gas fueled engines. Castrol Duratec ES 15W-40 provides improved cold temperature engine starting and reduced oil consumption relative to single grade natural gas fueled engine oils.

### Application

Castrol Duratec ES 15W-40 enables "extreme" extended drain intervals while maintaining optimum protection and delivers an advanced detergent/dispersant system that has been designed to reduce deposit formation and improve oxidation characteristics while offering excellent corrosion control, TBN retention and outstanding wear control.

Castrol Duratec ES engine oil SAE 15W-40 is designed for use in a wide range of natural gas equipment including – Cummins, Mack, Volvo, and other on road engines requiring a natural gas engine oil.

### Advantages

- Exceptional nitration and oxidation control compared to other mineral on road NGEO  
Specially designed for on road trucks
- Specially designed for on-road trucks and vocational vehicles
- Exceptional anti-wear and extreme pressure protection
- Reduces deposits & maintains engine cleanliness
- Wide range of operating temperatures

## Typical Characteristics

Name	Method	Units	Duratec ES
Density @ 15C	ASTM D4052	g/ml	0.86
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	15.1
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	107
Viscosity Index	ASTM D2270		148
Ash, Sulphated	ASTM D874	% wt	0.9
Total Base Number, TBN	ASTM D2896	mg KOH/g	6.7
Pour Point	ASTM D97	°C	-42

## Additional Information

<b>Part Numbers and UPCs SAE Grade</b>	<b>15W-40</b>
<b>55 Gal. Drum Part No.</b>	709602
<b>260 Gal. Tote Part No.</b>	709605
<b>Bulk</b>	709600

### Industry Specifications and OEM Approvals by Grade:

- Cummins CES 20092

Duratec ES 15W-40

28 Oct 2022

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470

Telephone: 1,800.462.0835

www.castrol.com/us Email: contactus@bp.com