



## 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<br/>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  
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