

## Granville Hypafleet LS E7 10W/40

20 Litre & 199 Litre

### PRODUCT DESCRIPTION

Hypalube Hypafleet LS E7 10W/40 a fully synthetic long drain heavy duty diesel engine oil featuring low SAPS ( Sulphated Ash, Phosphorus and Sulphur) additive technology making it suitable for use with exhaust gas re-circulation (EGR), selective catalytic reduction (SCR) and diesel particulate Filters( DPF) exhaust after treatment devices. Suitable for use in vehicles meeting Euro I to Euro VI emission requirements.

### RECOMMENDED FOR USE BY GRANVILLE FOR THE FOLLOWING MANUFACTURER'S SPECIFICATIONS

ACEA: E6, E7 & E9  
 API: CK-4  
 CAT: ECF-3  
 Cummins: 20081 & 20086  
 Ford: WSS-M2C171-F1  
 MAN: 3271-1 & 3575  
 MB: 228.51 & 228.31  
 Renault Truck: RLD-4  
 Volvo: VDS-4.5  
 Iveco: TLS E9

### PRODUCT BENEFITS

- \*Low SAPS ( Sulphated Ash, Phosphorus and Sulphur)
- \*Superior additive technology
- \*Excellent performance under extreme conditions

### PRODUCT USAGE

Use where this grade and specification is required

### DIRECTIONS FOR USE

Follow engine manufacturers recommendations



\* Image for illustrative purposes only.

| SIZE      | PART NO | BARCODE       |
|-----------|---------|---------------|
| 20 Litre  | 6458    | 5020618064589 |
| 199 Litre | 6460    | 5020618064602 |



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## STORAGE INSTRUCTIONS

Store sealed and upright in a cool place and keep out of the reach of children

## SHELF LIFE

5 years from date of manufacture

|                                |                      |
|--------------------------------|----------------------|
| <b>Appearance</b>              | : Amber liquid       |
| <b>Odour</b>                   | : Characteristic     |
| <b>Solubility</b>              | : Insoluble in water |
| <b>Percentage of Base Oil</b>  | : 77.00%             |
| <b>Percentage of Biodiesel</b> | : Nil                |

| Test                       | Method     | Unit               | Min. | Max.  | Typical |
|----------------------------|------------|--------------------|------|-------|---------|
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 12.8 | <16.3 |         |
| Viscosity, CCS -25°C       | ASTM D4684 | mPa.s              |      | 7000  |         |
| Total Base Number          | ASTM D2896 | mg KOH/g           | 9    |       |         |
| Pour Point                 | ASTM D97   | °C                 |      | -30   |         |
| HTHS Viscosity             | ASTM D4683 | mPa.s              | 3.9  |       |         |
| NOACK Volatility           | ASTM D5800 | %                  |      | 12    |         |

## SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

## TRANSPORT CLASSIFICATION

Please see our latest EC Safety Data Sheets for details.

