

## Granville Hypafleet E9 10W/40

5 Litre, 20 Litre & 199 Litre

### PRODUCT DESCRIPTION

Hypalube Hypafleet E9 10W/40 is a superior high performance heavy duty diesel engine oil that has been formulated using the latest additives and high quality synthetic base oils to produce a low SAPS (sulphated ash, Phosphorus and Sulphur) engine oil that is suitable for use with exhaust after treatment systems including DPF's and SCR/EGR NOX reducing systems. This engine oil is suitable for mixed fleet applications including Euro IV, V and VI engine types.

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

ACEA: E6, E7 & E9  
API: CJ-4  
MAN: 3477 & 3271-1  
MB: 228.51  
MTU Type 3.1 & MTU Type 2.1  
JASO: DH-2  
Renault Truck: RLD-2 & RLD-3  
Volvo: VDS-4  
CAT: ECF-1-A, ECF-2 & ECF-3  
Cummins: 20081  
Scania: Low Ash  
Iveco: 18-809 Class NG2  
Detroit Diesel: 93K218  
DEUTZ: DQC IV-10 & DQC IV-18 LA  
Mack: EO-OPP & EO-NPP

### PRODUCT BENEFITS

- \*Low SAPS (sulphated ash, Phosphorus and Sulphur)
- \*Excellent level of engine protection
- \*High level of soot management.



\* Image for illustrative purposes only.

| SIZE      | PART NO | BARCODE       |
|-----------|---------|---------------|
| 5 Litre   | 6429    | 5020618064299 |
| 20 Litre  | 6430    | 5020618064305 |
| 199 Litre | 6432    | 5020618064329 |



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## PRODUCT USAGE

For use in engines where this grade and specification is required.

## DIRECTIONS FOR USE

Use in accordance with the manufacturers recommendations

## 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

|                         |                      |
|-------------------------|----------------------|
| Appearance              | : Amber liquid       |
| Odour                   | : Characteristic     |
| Solubility              | : Insoluble in water |
| Percentage of Base Oil  | : 76.00%             |
| Percentage of Biodiesel | : Nil                |

| Test                       | Method     | Unit               | Min. | Max.  | Typical |
|----------------------------|------------|--------------------|------|-------|---------|
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 12.5 | <16.3 | 14.93   |
| Viscosity, CCS -25°C       | ASTM D4684 | mPa.s              |      | 7000  |         |
| Total Base Number          | ASTM D2896 | mg KOH/g           | 10   |       | 11.87   |
| Pour Point                 | ASTM D97   | °C                 |      | -35   |         |
| HTHS Viscosity             | ASTM D4683 | mPa.s              | 3.9  |       |         |
| NOACK Volatility           | ASTM D5800 | %                  |      | 12    |         |
| Viscosity, Kinematic 40°C  | ASTM D445  | mm <sup>2</sup> /s |      |       | 99.93   |
| Density                    | ASTM D792  | @ 15°C             |      |       | 0.859   |



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## SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

## TRANSPORT CLASSIFICATION

Please see our latest EC Safety Data Sheets for details.

