

## 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

<b>Appearance</b>	: Amber liquid
<b>Odour</b>	: Characteristic
<b>Solubility</b>	: Insoluble in water



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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

## SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

## TRANSPORT CLASSIFICATION

Please see our latest EC Safety Data Sheets for details.

