

# TECHNICAL DATA

# Granville Hypafleet E9 10W/30

20 Litre & 199 Litre

### **PRODUCT DESCRIPTION**

Hypalube Hypafleet E9 10W/30 is a high performing heavy duty diesel engine oil that has been formulated using high performance additives and high quality base oils to produce a mid SAPS (sulphated ash, Phosphorus and Sulphur) engine oil that is suitable for vehicles equipped with diesel particulate filers (DPF?S) exhaust gas recirculation (EGR) and selective catalytic reduction (SCR) 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: E7 & E9 API: CJ-4, CK-4 & SN CAT: ECF-3 Cummins: 20086 Detroit Diesel: 93K222 DEUTZ: DQC III-10 LA & DQC III-18 LA Ford: WSS-M2C171-F1 MB: 228.31 MTU Type 2.1 Scania: Low Ash

# <figure>

SIZE	PART NO	BARCODE
20 Litre	6444	5020618064442
199 Litre	6446	5020618064466

# **PRODUCT BENEFITS**

\*Multi fleet applications \*Mid SAPS \*Prevents heat and carbon build up

# **PRODUCT USAGE**

For use where this grade and specification of oil is required

### **DIRECTIONS FOR USE**

Use as per the engine manufacturers recommendations



Granville Oil & Chemicals Ltd. 29 Goldthorpe Ind. Est., Goldthorpe, Rotherham, S63 9BL ENGLAND Tel: +44 (0)1709 890099 • www.granvilleoil.com



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# **STORAGE INSTRUCTIONS**

Store sealed and upright in a coll dry place and 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	:	80.00%
Percentage of Biodiesel	:	Nil

Test	Method	Unit	Min.	Max.	Typical
Viscosity, Kinematic 100°c	ASTM D445	mm²/s	9.3	<12.5	12.26
Viscosity, CCS -25°c	ASTM D4684	mPa.s		7000	
Total Base Number	ASTM D2896	mg KOH/g	9		10.62
Pour Point	ASTM D97	°c		-27	
HTHS Viscosity	ASTM D4683	mPa.s	3.5		
NOACK Volatility	ASTM D5800	%		12	
Viscosity, Kinematic 40°c	ASTM D445	mm²/s			78.04
Density	ASTM D792	@ 15°c			0.835

### SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

### **TRANSPORT CLASSIFICATION**

Please see our latest EC Safety Data Sheets for details.



# AUTOMOTIVE LUBRICANTS • QUALITY CHEMICALS • PREMIER BRANDS

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