

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.



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