

## Granville Hypalube LL FS 5W/30

1 Litre, 5 Litre, 20 Litre & 199 Litre

### PRODUCT DESCRIPTION

Hypalube LL 5W/30 is formulated primarily to meet the GM longlife requirements using the most advanced additive technology to produce a fuel efficient engine oil that has excellent high and low temperature performance and exceptional long term anti wear characteristics. Suitable for use in petrol & diesel engines where specified including Vauxhall, Opel and Saab.

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

ACEA: A3/B4

API: SL/CF

BMW: LL-01 & LL-98

GM: LL-A-025 & LL-B-025

MB: 229.3

Opel: B-040-2095 & B-040-2098

VW: 505.00 & 502.00

### PRODUCT BENEFITS

- \* Ensures lubricant performance over extended drain intervals
- \* Excellent high & low temperature performance
- \* Outstanding fuel efficiency
- \* Effective environmental protection

### PRODUCT USAGE

For engines where this specification lubricant is required.

### DIRECTIONS FOR USE

As recommended by the engine manufacturer



\* Image for illustrative purposes only.

| SIZE      | PART NO | BARCODE       |
|-----------|---------|---------------|
| 1 Litre   | 1121    | 5020618011217 |
| 5 Litre   | 1122    | 5020618011224 |
| 20 Litre  | 1123    | 5020618011231 |
| 199 Litre | 1126    | 5020618011262 |



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## STORAGE INSTRUCTIONS

Keep sealed in a cool, dry place

## SHELF LIFE

5 years from date of manufacture

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

| Test                       | Method     | Unit               | Min. | Max.  | Typical |
|----------------------------|------------|--------------------|------|-------|---------|
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 9.3  | <12.5 | 12.4    |
| Viscosity, CCS -30°C       | ASTM D4684 | mPa.s              |      | <6600 |         |
| Total Base Number          | ASTM D2896 | mg KOH/g           | 10   |       | 11.9    |
| HTHS Viscosity             | ASTM D4683 | mPa.s              | >3.5 |       |         |
| NOACK Volatility           | ASTM D5800 | %                  |      | 10    |         |
| Pour Point                 | ASTM D97   | °C                 |      | -27   |         |
| Viscosity, Kinematic 40°C  | ASTM D445  | mm <sup>2</sup> /s |      |       | 77.1    |
| Viscosity Index            | ASTM D2270 |                    |      |       | 159     |
| Density                    | ASTM D792  | @ 15°C             |      |       | 0.85    |

## SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

## TRANSPORT CLASSIFICATION

Please see our latest EC Safety Data Sheets for details.

