

# 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

<b>Appearance</b>	: Amber liquid
<b>Odour</b>	: Characteristic
<b>Solubility</b>	: Insoluble in water
<b>Percentage of Biodiesel</b>	: 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.

