



## Granville FS-FE 0W/20

1 Litre, 5 Litre, 20 Litre & 199 Litre

### Product Description

Granville FS-FE 0W/20 is a fuel efficient C5/C6 engine oil formulated using the very latest additives and base oil technology. This product is suitable for various engine manufacturers requirements for petrol and diesel engine cars both with or without exhaust after treatment devices. FS-FE 0W-20 is also used in modern small capacity engines with exhaust gas turbochargers and direct injection.

### Recommended for use by Granville for the following manufacturer's specifications

ACEA: C5 & C6  
 MB: 229.71 & 229.72  
 STJLR: .51.5122 & .03.5006  
 Volvo: VCC RBS0-2AE  
 API: SP & SP RC  
 BMW: LL-14 FE & LL-17 FE+  
 Chrysler: MS 12145  
 Fiat: 9.55535-DSX & 9.55535-GSX  
 Ford: WSS-M2C947-B1, WSS-M2C962-A1 & WSS-M2C952-A1  
 ILSAC: GF-6A  
 Opel: OV0401547



\* Image for illustrative purposes only.

| Size      | Part No | Barcode       |
|-----------|---------|---------------|
| 1 Litre   | 1182    | 5020618011828 |
| 5 Litre   | 1183    | 5020618011835 |
| 20 Litre  | 1184    | 5020618011842 |
| 199 Litre | 1185    | 5020618011859 |

### Product Benefits

- \*Excellent cold start properties
- \*Protects engines from LSPI damage

### Product Usage

Use as recommended by the vehicle manufacturer.

### Directions for Use

As per the vehicle handbook

### Storage Instructions

Store sealed and upright in a cool dry place

### Shelf Life

5 years from date of manufacture

Appearance : Amber liquid





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**Odour** : Characteristic  
**Solubility** : Insoluble in water

| Test                         | Method     | Unit               | Min. | Max.  | Typical |
|------------------------------|------------|--------------------|------|-------|---------|
| Kinematic Viscosity at 100°C | ASTM D445  | mm <sup>2</sup> /s | 7.8  | <9.3  | 8.52    |
| Cold Cranking Viscosity      | ASTM D4684 | mPa.s              |      | <6200 | 5812    |
| Total Base Number            | ASTM D2896 | mg KOH/g           | 8    |       | 7.69    |
| Pour Point                   | ASTM D97   | °C                 |      | <-48  |         |
| HTHS Viscosity               | ASTM D4683 | mPa.s              | 2.8  | <2.9  |         |
| NOACK Volatility             | ASTM D5800 | %                  |      | 11    |         |
| Kinematic Viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s |      |       | 45.452  |
| Density                      | ASTM D792  | @ 15°C             |      |       | 0.845   |

### Safety Precautions

Please see our latest EC Safety Data Sheets for details.

### Transport Classification

Please see our latest EC Safety Data Sheets for details.

