

## Granville FS-PD 5W/40

1 Litre, 5 Litre & 20 Litre

### PRODUCT DESCRIPTION

Formulated primarily to meet the requirements of VW 505.01 for use in Pompe Duse engines where fixed time & distance service intervals are recommended. Also suitable for a range of vehicles where a 5W/40, C3 engine oil is recommended. These vehicles include: Fiat, Alpha Romeo, Chevrolet and Lancia.

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

ACEA: C3  
MB: 229.31 & 229.51  
VW: 505.00 & 505.01  
Ford: WSS-M2C917-A  
Fiat: 9.55535-S2 & 9.55535-H2  
BMW: LL-04  
API: SN/CF  
Opel: OV0401547-D40

### PRODUCT BENEFITS

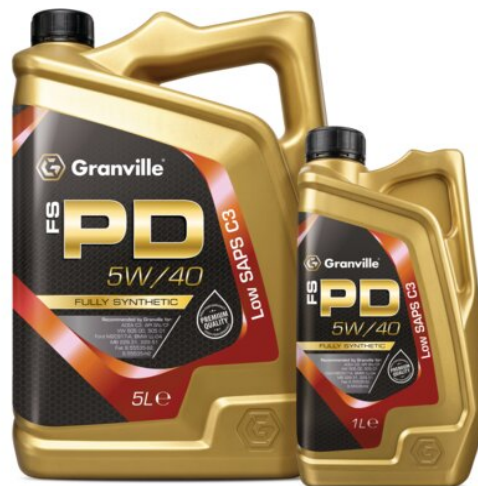
- \* Ensures lubricant performance over extended drain intervals
- \* Excellent high & low temperature performance
- \* Outstanding fuel efficiency
- \* Effective environmental protection

### 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  | 0655    | 5020618006558 |
| 5 Litre  | 0656    | 5020618006565 |
| 20 Litre | 0659    | 5020618006596 |



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### STORAGE INSTRUCTIONS

Store upright and sealed in a cool dry place, out of the reach of children.

### 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 Base Oil</b>  | : More Than 70%      |
| <b>Percentage of Biodiesel</b> | : Nil                |

| Test                       | Method     | Unit               | Min. | Max. | Typical |
|----------------------------|------------|--------------------|------|------|---------|
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 12.5 | <15  | 13.6    |
| Viscosity, CCS -30°C       | ASTM D4684 | mPa.s              |      | 6600 |         |
| Total Base Number          | ASTM D2896 | mg KOH/g           | 10   |      | 11.6    |
| Pour Point                 | ASTM D97   | °C                 |      | -35  |         |
| HTHS Viscosity             | ASTM D4683 | mPa.s              | 3.5  |      |         |
| NOACK Volatility           | ASTM D5800 | %                  |      | 10   |         |
| Viscosity, Kinematic 40°C  | ASTM D445  | mm <sup>2</sup> /s |      |      | 83.8    |
| Density                    | ASTM D792  | @ 15°C             |      |      | 0.85    |
| Viscosity Index            | ASTM D2270 |                    |      |      | 166     |

### SAFETY PRECAUTIONS

Please see our latest EC Safety Data Sheets for details.

### TRANSPORT CLASSIFICATION

Please see our latest EC Safety Data Sheets for details.

