## **Product Information**

A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

## Valvoline MaxLife FE SAE 5W-30

034/04

**Valvoline MaxLife FE SAE 5W-30** is a premium synthetic blend motor oil, formulated on basis of synthesized hydrocarbon technology and fortified with the most advanced additive system. MaxLife FE SAE 5W-30 provides the ultimate performance in lubrication of gasoline and diesel engines of passenger cars, delivery vans, light passenger buses, campers, utility trucks, etc, and on top of that it gives maximum fuel economy. The product has been developed for use in modern vehicles and vehicles which have been longer in use and did a 100.000 Km. or more. MaxLife prevents leakage and high oil consumption and is therefore a benefit to longer used and higher mileage engines. Recommended for use in applications where Ford M2C-913 A or B are specified.

## The Valvoline MaxLife Synthetic motor oil advantages

| * Engine life:           | Extends the engine's working life                            |
|--------------------------|--|
| * Fuel Economy:          | Gives the highest fuel efficiency                            |
| * Volatility:            | Lowers oil evaporation and consumption at extreme conditions |
| * Cold start Properties: | Oil flows easily at low temperatures                         |
| * Oil Consumption:       | Prevents leakage and excessive oil consumption               |

| Performance levels | Viscosity | Grade |
|--------------------|-----------|-------|
| API SJ             |           | 5W-30 |
| ACEA A1-02, B1-02  |           | 5W-30 |
| ACEA A5-02         |           | 5W-30 |

| Typical Properties                     | 5W30  |  |
|--|-------|--|
| Viscosity, mm <sup>2</sup> /s @ 100 °C | 10.2  |  |
| Viscosity, mm <sup>2</sup> /s @ 40 °C  | 61.8  |  |
| Viscosity Index                        | 158   |  |
| Viscosity, mPa.s -30 °C                | <6600 |  |
| Sulphated Ash, wt. %                   | 1.3   |  |
| TAN; mg KOH/g (ASTM D-664)             | 2.1   |  |
| TBN; mg KOH/g (ASTM D-2896)            | 9.7   |  |
| Pour Point, °C                         | -43   |  |
| Specific Gravity @ 15/15°C             | 0.862 |  |
| Flash Point, COC, ºC                   | 209   |  |
| Noack Evaporation, wt. %               | 13.6  |  |

This information only applies to products manufactured in the following location(s): Europe

| Effective Date: | Replaces: | Author's Initials: | Code |
|-----------------|-----------|--------------------|------|
| 10-01-2006      | 034/03    | AdG                |      |

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