

## SYNPOWER™ FE SAE 5W-20

SynPower™ FE SAE 5W-20 is a premium full synthetic engine oil, formulated with the highest quality synthetic base oils and advanced additive technology. Designed to fulfill the latest standards of leading engine manufacturers.

SynPower™ FE SAE 5W-20 is manufactured using the latest advances in mid SAPS (Sulphated Ash, Phosphorus and Sulphur) additive technology, designed to provide maximum fuel efficiency whilst providing complete protection for vehicles running low viscosity engine oils. SynPower™ FE SAE 5W-20 also meets FORD WSS M2C 948-B and the STJLR.03.5004 specification required for use in some gasoline engines from Ford, Jaguar and Land Rover.

### Specifications and Approvals

Synpower™ FE 5W-20*
SAE 5W-20
API SN
ACEA C5
FORD WSS-M2C948-B
Jaguar Land Rover STJLR.03.5004 <i>Approved</i>

\* Check owners' manual before use.

### Applications

Suitable for use in petrol, diesel and LPG engines where SAE 5W-20 ACEA C5 (previously A1/B1) specification is required.

Especially recommended for Ford petrol engines demanding a Ford WSS-M2C948-B specification and is backwards compatible with WSS-M2C913-B motor oils, as well as WSS-M2C925-B.

### Features and Benefits

#### **Ultimate protection and performance**

SynPower engine oil is formulated with the highest quality base oils and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfil the latest standards of leading engine manufacturers.

#### **Bio Fuel Compatible**

Designed for engines running on Bio Fuel mixtures (for example E85).

#### **Fuel efficiency**

Low viscosity and special additives results in maximum reduction of friction which results in a lower fuel consumption.

#### **Excellent Cold Start Performance**

Instant oil flow at low temperatures provides easy cold start and optimal lubrication within seconds after ignition.

#### **Environment**

#### **Wear Protection**

Provides ultimate protection against wear under all operating conditions.

# PRODUCT INFORMATION



## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvoline.com.au](http://www.valvoline.com.au) or contact the Technical Hotline on 1800 804 658 for product recommendations.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

SynPower™ FE 5W-20	Typical
SAE Viscosity Grade	5W-20
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	8.05
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	42.83
Viscosity Index, ASTM D2270	164
Density @ 15 °C, kg/L, ASTM D4052	0.8525
Total Base Number, mg KOH/g, ASTM D2896	8.1
CCS Viscosity, mPa.s @ -30 °C, ASTM D5293	4275
Flash Point (COC), °C, ASTM D92	206
Pour Point, °C, ASTM D5950	-45

Note: SynPower™ FE SAE 5W-20 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

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

Part Number	Pack Size
1355.20	20L
1355.28	208L

## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website [www.valvoline.com.au](http://www.valvoline.com.au)

## Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

## Author:

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Replaces - 1355/04