



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: [hitecoils@hi-tecoils.com.au](mailto:hitecoils@hi-tecoils.com.au)

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### EVOLUTION 10W40 SP/CF

#### PRODUCT DESCRIPTION

**Evolution 10W40 SP/CF** is a premium quality high SAPS, API SP/CF engine oil providing increased engine protection through increased oxidation resistance. The API SP performance level has been specifically developed to address Low-Speed Pre-Ignition (LSPI) and timing chain wear in small turbocharged petrol engines. It is suitable for many types of petrol, diesel, and LPG four stroke engines in passenger cars and trucks, especially European models without catalytic exhaust systems under both severe and varied operating conditions. It is ideal for use in the professional workshop.

**Evolution 10W40 SP/CF** helps reduce engine oil oxidation, giving more protection from piston deposits compared to standard SN engine oils.

Engine cleanliness is also promoted by the increased level of dispersants in **Evolution 10W40 SP/CF**. The special additives inhibit the formation of sludge especially under the constant cold temperature operation of urban motoring.

**Evolution 10W40 SP/CF** is excellent for cold starting as it has good fluidity characteristics and provides increased engine life as the wear rates for both cams and bearings are decreased compared to less advanced oils.

The high temperature performance of **Evolution 10W40 SP/CF** is also enhanced by the selection of the thermally stable base oils, oxidation inhibitors, viscosity improvers and detergents.

**Evolution 10W40 SP/CF** is suitable for use in both high speed high temperature motorway driving or low temperature stop-and-go driving, and in engines with small clearances.

#### BENEFITS

- Improved oxidation resistance for better sludge control.
- Control of piston deposits for improved engine cleanliness.
- Better wear protection.
- Protection at high temperatures to resist oxidation, nitration and oil thickening.
- Fast flow at cold temperature start up.

#### SPECIFICATIONS

**Evolution 10W40 SP/CF** meets or exceeds the following demanding performance levels:

API:	SP, SN, SM, CF
ACEA:	A3/B4
Mercedes Benz:	229.1, 229.3
Renault:	RN0700, RN710
Volkswagen:	505.00, 501.01

Always consult your vehicle owner's manual for the manufacturer's recommendations.



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### TYPICAL PROPERTIES

#### Property

Density, kg/lit @15°C

Viscosity @ 100°C cSt

@ 40°C cSt

Viscosity Index

CCS @-25°C

Flash Point (COC) °C

Pour Point °C

Calcium %wt

Zinc %wt

Phosphorus %wt

Nitrogen %wt

TBN mgKOH/g

#### ASTM Method

ASTM D-1298

ASTM D-445

ASTM D-445

ASTM D-2270

ASTM D-5293

ASTM D-92

ASTM D-97

ICP

ICP

ICP

-

ASTM D-2896

#### Results

0.871

14.8

103

150

6480

232

-39

0.30

0.11

0.10

0.11

10.7

**Available in:** Bulk, 1000 Litres, 200 Litres, 20 Litres and 5 Litres

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

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**Effective:** March 2024

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