



A brand of **TOTAL**

# EVOLUTION FULL-TECH FE 5W-30



**Very high performance Fuel Economy lubricant using ELF synthetic technology, intended for lubricating light vehicles engines. Specially formulated to ensure compatibility with post-treatment systems.**



## APPLICATIONS

**Most recent technology engines**

- Recommended in particular for the Diesel engines respecting the EURO IV & EURO V norms about emission reduction.

**Adapted to the Diesel Particulate Filter**

- Particularly adapted to Renault recent vehicles equipped with Diesel Particulate Filter.

**« Vigorous » driving, all times of year**

- For all driving styles, particularly « vigorous » and high speeds.

Refer to the maintenance book of your vehicle to know the recommendation of the manufacturer

## PERFORMANCES

**International specifications**

ACEA : C4, level of performance C3

**OEMs approvals**

RENAULT RN0720

## CUSTOMER BENEFITS

**Excellent engine cleanliness and protection**

- Ensures maximum engine cleanliness, thanks to very good detergent and dispersion properties. Confers to the engines an excellent global wear protection, thanks to its high technology additivation.

**Protection of the Diesel Particulate Filter**

- Enables, thanks to low rates of sulfur, ashes and phosphorus (low SAPs), a durability of post-treatment systems (in particular the DPF) that enables high reduction of pollutant emissions.

**Reduction of the fuel consumption ( Fuel Economy )**

- Specific formulae enabling fuel economy (thanks to reduction of the friction ). 2,1 % at the M111 FE test of ACEA (minimum 1 %).

**Increase drain intervals**

- Contributes to the increase of the intervals between the drains. The interval can rise up to 30 000 km.

**Decrease of the oil consumption**

- Reduced oil consumption thanks to the use of synthetic base oils of low volatility.

**Ensured performance and quality of the lubricant over time**

- Ensures outstanding engine longevity, thanks to a very high oxidation resistance.

## CHARACTERISTICS

|                    | Method     | Units   | SAE Grade 5W-30 |
|--------------------|------------|---------|-----------------|
| Density at 15°C    | ASTM D1298 | kg / m³ | 855             |
| Viscosity at 40°C  | ASTM D445  | mm²/s   | 72,8            |
| Viscosity at 100°C | ASTM D445  | mm²/s   | 12,2            |
| Viscosity index    | ASTM D2270 | -       | 165             |
| Flash point        | ASTM D92   | °C      | 240             |
| T.B.N.             | ASTM D2896 | mgKOH/g | 7,4             |
| CCS @ -30°C        | ASTM D5293 | mPa.s   | 6 450           |
| MRV @ -35°C        | ASTM D4684 | mPa.s   | 24 850          |

The typical characteristics mentioned represent mean values