

# ELITE EVOLUTION 5W-40

AUTOMOTIVE



## Lubricants

### Description

Top quality synthetic lubricant oil specially designed for vehicles equipped with exhaust fume treatment systems, such as DPF and FAP particle filters. Its advanced formulation with low ash content (Mid SAPS) makes it suitable for the latest technologies in current engines and also helps to protect the environment by reducing harmful particle emissions to a minimum.

### Properties

- Recommended for the petrol and diesel engines of a wide range of vehicle manufacturers
- Tests show excellent engine cleaning and fuel economy, almost 90% higher than the limit required for this grade of viscosity.
- Tested in the most critical wear tests. The results ensure longer engine life and lower maintenance.
- Its low ash content is necessary for the durability of the new emission-reducing technologies such as the diesel particle filter (DPF), thus helping more than conventional lubricants to preserve the environment.

### Quality Levels

- API SN/CF
- ACEA C3
- MB-Approval 229.51/229.31
- BMW LL-04
- VW 505.00 / 505.01
- PORSCHE A40
- FORD WSS-M2C917-A
- FIAT 9.55535-S2

### Technical specifications

|                                    | UNIT        | METHOD      | VALUE     |
|------------------------------------|-------------|-------------|-----------|
| SAE GRADE                          |             |             | 5W-40     |
| Density at 15 °C                   | g/mL        | ASTM D 4052 | 0.853     |
| Viscosity at 100 °C                | cSt         | ASTM D 445  | 14.5      |
| Viscosity at 40 °C                 | cSt         | ASTM D 445  | 88        |
| Viscosity at -30 °C                | cP          | ASTM D 5293 | 6600 max. |
| Viscosity index                    | -           | ASTM D 2270 | 170       |
| Flash point, open cup              | °C          | ASTM D 92   | 215 min.  |
| Pour point                         | °C          | ASTM D 97   | -39       |
| T.B.N.                             | mg KOH/g    | ASTM D 2896 | 7.5       |
| Bosch Injector Shearing:           |             |             |           |
| Viscosity at 100 °C after shearing | cSt         | CEC L-14-93 | 12.5 min. |
| Noack Volatility, 1hr at 250 °C    | % in weight | CEC L-40-93 | 12% max.  |
| HTHS, viscosity at 150 °C          | cP          | CEC-L-36-90 | >3.5      |

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety data file is available on request.

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