

# Shell 505.01

## Synthetic Based Passenger Car Diesel engine oil



Shell 505.01 is a new synthetic based engine oil designed specifically for the new diesel pump injector engines designed by VW.

### Applications

- **Passenger diesel cars and specifically the new VW and Ford models equipped with VW diesel pump injector engines asking for products fulfilling VW 505.01 or Ford M2C 917A spec.**

### Performance Features and Benefits

- **Excellent engine protection specifically in diesel pump injector engines.**  
Shell 505.01 provides excellent protection in car diesel engines allowing long engine life through wear and deposit prevention in the critical engine parts like diesel pump injectors. It also avoids sludge and oxidation components formation.
- **Fuel Economy performance**  
Low viscosity at low temperature guarantees rapid oil flow in starting condition and low friction effectively contributing towards reducing fuel consumption.
- **Easy start up, even with cold condition, prevent engine wear**  
The correct oil flow is established very rapidly due to the low viscosity therefore giving engine protection in this severe phase and easy start up.

- **Low oil consumption**

The use of selected synthetic base oils unable oil volatility therefore reducing oil consumption.

### Specification and Approvals

Shell 505.01 exceeds the requirements of the following industry standards:

SAE J 300 5W-40,  
API CF  
ACEA B3-98,  
and  
VW 505.01 approved  
meets Ford M2C 917A requirements.

### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

#### Protect the environment

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

### Typical Physical Characteristics

Shell 505.01		5W-40
SAE Viscosity grade		5W-40
Kinematic Viscosity	ASTM D 445	
at 40°C mm <sup>2</sup> /s		89,7
at 100°C mm <sup>2</sup> /s		14,1
Viscosity Index	ISO 2909	160
Density at 15°C kg/m <sup>3</sup>	ASTM D 4052	855
Flash Point COC °C	ISO 2592	230
Pour Point °C	ISO 3016	-51

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.