

ENGEN FORMULA 505.01

DESCRIPTION

Engen Formula 505.01 is a unique high performance SAE 5W-40 engine oil incorporating selected synthetic basestocks especially developed for use in VW TDI engines fitted with pump unit injectors (also known as “pumpe düse” engines). It has been extensively tested by VW Germany and has been fully approved for use in all Audi and Volkswagen products marketed in South Africa. Engen Formula 505.01 is a locally manufactured blend of synthetic Polyalphaolefins and top quality imported base oils which provided exceptional oxidation stability and outstanding engine cleanliness, ensuring low wear rates and excellent protection of engine components. It also exceeds most current passenger car engine oil requirements, including those for highly stressed turbocharged and all multi-valve units.

APPLICATION

Engen Formula 505.01 was developed primarily to meet the requirements of the new high performance pump unit injector diesel engines fitted to the latest generation of Volkswagen and Audi products that are being imported into South Africa. It can also be used in all other VW/Audi products marketed in RSA whether they be petrol or diesel as it exceeds the following specifications:- VW standard 502.00 (petrol engines), 505.00 (conventional diesel engines) and 505.01 (pump injector unit diesel engines).

Note: Only oils meeting VW 505.01 specification (Engen Formula 505.01 or VW part number G 052 167 A2) may be used in the high performance pump injector diesel engines.

PERFORMANCE LEVEL

API SL/CF, VW 502.00/505.00/505.01, MB 229.31, ACEA A3/B3/B4.

BENEFITS

- Fully complies with OEM warranty requirements
- Excellent low temperature properties – immediate wear protection on start-up
- Excellent high temperature wear protection due to viscosity retention
- Optimal oil consumption due to inherent low volatility
- Improved fuel economy and power output
- Superior lubrication - reduced wear and increased engine life
- Reduced emissions
- Exceptional engine cleanliness

TYPICAL PHYSICAL CHARACTERISTICS

SAE No	5W-40
Viscosity, cSt @ 40 °C	85
cSt @ 100 °C	14,2
Viscosity Index	169
Flash Point, °C	252
Pour Point, °C	-33
Total Base No, mg KOH/g	7,4
Sulphated Ash, % m/m	0,79

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