

# DENVER LL3

**Super-Hightec-Longlife-Universal-Motor Oil 5W30**

## Description:

**DENVER LL3** is a long-life, low-friction multigrade engine oil based on synthesis technology and PAO. The carefully selected base oils of the latest technology, the highly effective used additives give this high-performance motor oil outstanding driving characteristics.

**DENVER LL3** is a fuel-saving, specially-composed, super hightec motor oil that provides exceptional characteristics of modern petrol and passenger car diesel engines, complies with and without turbo chargers in cars and vans, with extended oil change intervals, including particulate filter (ACEA C3).

By the reduction of sulfur, sulphated ash and phosphorus (low SAPS) technology, the life of the particulate filter is increased.

**DENVER LL3** is due to its special composition, excellent for use for the newest VW requirements, so-called VW Longlife III oils.

## Exception:

Currently for the R5 TDI (Touareg, TS) and V 10 TDI (Touareg, Phaeton) engines an oil of the VW standard 506.01 is required, and for the 3- and 4- cylinder pump- nozzle engines without WIV the VW standard 505.01 is required.

## Properties

- Extrem wear protection
- Excellent viscosity temperature behaviour
- Quick oil feed of critical lubricating points
- Considerable wear reduction on cylinder and camshaft
- High oxydation- and thermo stability
- Low volatilization loss
- Very high cleaning capability
- Particularly low emission combustion

## Effects

- Reduction of fuel consumption on partial and full load operation as well as reduction of exhaust emission
- Reduced ash build up (Low SAPS)
- Light motor running
- Optimal engine cleanliness
- Very low resistance an motor starting
- Very good operating reliability
- High margin of performance
- Extended oil change intervals
- All-year operation

## Suitable for/ we recommend this product for

SAE	5W-30
API	SN
ACEA	C3
We recommend this product for:	
BMW	Longlife-04
FIAT	9.55535-S3
MB	229.52, 229.51
MB	229.31
PORSCHE	C30
VW	504.00/507.00

## Utilization

- VW and diverse new high-performance and normal four-stroke petrol engines with and without WIV systems
- with multivalve-technology
- with turbo charging
- with catalyst technology
- with extended oil change interval
- VW and diverse new motor vehicle diesel engines with and without WIV systems
- with pump and nozzle engines
- with diesel particle systems(DPF)
- with CDi-technology
- with turbo charging
- with multivalve technology
- with catalyst technology

## Disposal:

- **DENVER LL3** is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- **DENVER LL3** is fully compatible to customary HD oils and can be mixed without any doubts. However, to take full advantage of **DENVER LL3** it is recommendable to use only **DENVER LL3** when refilling.

**DENVER LL3**

<b>Article No.</b>	<b>Packaging unit</b>	
1209 052	Can	1 L
1209 054	Can	5 L
1209 055	Can	20 L
1209 056	Drum	60 L
1209 058	Drum	200 L
1249 059	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	848
Dynamic viscosity at -30°C	mPa.s	6200
Viscosity at 40°C	mm <sup>2</sup> /s	71,8
Viscosity at 100°C	mm <sup>2</sup> /s	11,8
HTHS Viscosity at 150°C	cP	-
Viscosity index		162
Flash point COC	°C	236
Pourpoint	°C	-45
Sulphates ashes	%	-
TBN	mgKOH/g	6,1

