



# PD-TEC 1

Mid SAPS-HC-Synthetic-Motor Oil 5W40

## Description:

**PD-TEC 1** is a mid SAPS- HC- synthetic smooth running multigrade engine oil. It was developed for use in passenger cars' gasoline and diesel engines of the latest technology, thus also suitable for pump/ nozzle injection systems (PD). By that also an ideal solution for light commercial vehicles.

## Properties

- Extreme wear protection at all operating conditions
- Excellent viscosity-temperature behaviour
- Minimum loss through friction, more power for the engine
- Very high cleaning capability
- Low volatilization loss
- High oxidation and temperature stability
- Maximum shear stability
- Low sulfur, phosphorus and ash content reduces the poisoning of catalytic converters in gasoline engines and reduces particulate buildup in the diesel particle filter (PDF)

## Effects

- Reduces fuel consumption and exhaust emission
- Formulation for less fuel consumption and Low Ash
- Excellent cold start behaviour - fast supply of all lubrication points, especially of the hydraulic valve tappet
- Stable oil pressure
- Perfect and long lasting engine cleanliness
- Prevents motor from incrustation
- High performance reserves and high product stability, even at longest oil change intervals
- All-year operation

## Suitable for/ we recommend this product for

SAE	5W-40
API	SN
ACEA	C3/C2
We recommend this product for:	
BMW	Longlife-04
CHRYSLER	MS-11106
FIAT	9.55535-S2
FORD	WSS-M2C917-A
GM	Dexos 2
MB	229.51
MB	229.31
MB	226.5
RENAULT	RN0700/0710
VW	502.00, 505.00, 505.01

## Utilization

- High-performance car diesel engines
- with multivalve technology
- with turbo charging
- Direct-injection
- pump-jet
- CDI- and TDI motors
- with CDi-technology
- with diesel particle systems(DPF)
- with catalyst technology
- High-performance and normal four-stroke petrol engines
- with multivalve technology
- with Valvetronic
- with intercooling
- with turbo charging
- with catalyst technology

## Disposal:

- **PD-TEC 1** is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- **PD-TEC 1** is fully compatible to customary HD oils and can be mixed without any doubts. However, to take full advantage of **PD-TEC 1** it is recommendable to use only **PD-TEC 1** when refilling.

## PD-TEC 1

Article No.	Packaging unit	
309 232	Can	1 L
309 233	Can	4 L
309 234	Can	5 L
309 235	Can	20 L
309 236	Drum	60 L
309 238	Drum	200 L
349 239	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	854
Dynamic viscosity at -30°C	mPa.s	6360
Viscosity at 40°C	mm <sup>2</sup> /s	87,5
Viscosity at 100°C	mm <sup>2</sup> /s	14,2
Viscosity index		168
Flash point COC	°C	234
Pourpoint	°C	-39
Sulphate ashes	%	-
TBN	mgKOH/g	-

Data are subject to change.

Attention: Service instructions should be observed!

KL/MO/PKW/-  
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