



# STAROS 1G2

HC- synthetic fuel saving smooth running engine oil SAE 5W-30

## Description:

**STAROS 1G2** was especially developed for the modern generation of downsizing engines.

The special combination out of base oils and additives helps to significantly reduce the so-called LSPI (low speed pre-ignition).

In the LSPI, the gasoline-air mixture ignites spontaneously in the combustion chamber, even before the ignition spark occurs. This can lead to engine knocking and serious engine damage.

Due to the LSPI problem, this engine oil was developed and is prescribed by Opel and General Motors for certain models.

**STAROS 1G2** engine oil meets the new and tightened General Motors specification Dexos 1 Generation 2.

This engine oil has been developed exclusively for gasoline engines.

**STAROS 1G2** is not suitable for diesel engines.

## Characteristics

- Extrem wear protection
- Excellent viscosity temperature behaviour
- Quick oil feed of critical lubricating points
- Considerable wear reduction on cylinder and camshaft
- High oxidation and temperature stability
- Low volatilization loss
- Very high cleaning capability
- Stable oil film at all operating temperatures

## Effects

- Reduces fuel consumption at full and partial loading
- Reduces emissions of particles and CO<sub>2</sub>, is good for the environment
- Excellent cold starting behaviour
- Very good operating reliability
- Optimal engine cleanliness
- Very low oil consumption
- High margin of performance and high product stability
- All-year operation

## Usable for

SAE	5W-30
API	SP (RC)
ILSAC	GF-6A
We recommend this product for:	
CHRYSLER	MS-6395
DAIHATSU	
FIAT	9.55535-CR1
FORD	WSS-M2C961-A
FORD	WSS-M2C946-A/-B1
GM	Dexos 1 Gen 2
GM	6094M
HONDA	
ISUZU	
KIA	
LEXUS	
MAZDA	
NISSAN	
SUBARU	
SUZUKI	
TOYOTA	

## Utilization

- High-performance and normal four-stroke petrol engines
- with multivalve-technology
- with fuel injection
- with turbo charging
- with catalyst technology
  
- Hybrid vehicles

## Disposal:

- **STAROS 1G2** is assigned to category 1 of used oils and thus is free for disposal.

## Miscibility:

- **STAROS 1G2** is fully compatible with conventional HD oils and can be mixed if necessary. In orderable to fully utilise the advantages of **STAROS 1G2**, however, the use of **STAROS 1G2** is worth recommending.

Data are subject to change.

Attention: Service instructions should be observed!

KL/MO/PKW/-  
07/2021

**STAROS 1G2**

<b>Article No.</b>	<b>Packaging unit</b>	
300 042	Can	1 L
300 043	Can	4 L
300 044	Can	5 L
300 045	Can	20 L
300 046	Drum	60 L
300 048	Drum	200 L
340 049	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	848
Dynamic viscosity at -30°C	mPa.s	5220
Viscosity at 40°C	mm <sup>2</sup> /s	60,9
Viscosity at 100°C	mm <sup>2</sup> /s	10,9
Viscosity index		171
Flash point COC	°C	224
Pourpoint	°C	-45
TBN	mgKOH/g	7,4

