



## **G-Energy Service Line GMO 5W-30**

### **Fully Synthetic Performance**

#### **Product description**

*G-Energy Service Line GMO 5W-30* is a all-season fully synthetic last generation motor oil for gasoline and diesel engines of cars and light trucks.

*G-Energy Service Line GMO 5W-30* is a specialized product developed in accordance with the requirements of GM group (Buick, Cadillac, Chevrolet, GMC, Daewoo, Holden, Opel, Vauxhall, SAAB) for gasoline and diesel engines with extended service interval.

#### **Benefits**

- Provide reliable lubrication of friction pairs even at long operation under conditions of maximum speed and loads
- Due to advance technology detergent dispersant additives provide and maintain cleanliness of the engine during the entire service life
- High temperature stability provide steadiness of properties and extension of oil drain interval
- Low oil consumption
- Possesses perfect low temperature properties which allow the provide splendid oil circulation under conditions of low temperatures
- Contributes effectiveness of emission reduction system

#### **Application**

- Intended for gasoline and diesel engines (with particulate filters, with or without turbocharger) manufactured by GM, in which dexos-2 specification lubricants are required
- oils dexos-2 can replace the oils of earlier GM/Opel specifications (GM-LL-A-025 and GM-LL-B-025)
- recommended for engines which require 5W-30 viscosity and compliance with API SN/CF and ACEA C3
- recommended for application in cars of Mercedes-Benz brand which require 229.51 specification oil, cars of BMW, which require Longlife-04 specification oil, и Volkswagen, which require VW 502 00 / 505 00 /505 01 specification oil.
- Suitable for any type of fuels: gasoline, diesel, E85 LPG and CNG

## Specifications and approvals

- API SN/CF
- ACEA C3
- MB-Approval 229.51
- dexos-2
- approved under VW Standard 502 00, VW Standard 505 00 and VW Standard 505 01
- BMW Longlife-04

## Physical and chemical characteristics

### G-Energy Service Line GMO 5W-30

Kinematic Viscosity:		
• cSt @ 40 °C	ASTM D 445	70,8
• cSt @ 100 °C	ASTM D 445	12,2
Viscosity index	ASTM D 2270	171
Total Base Number, mg KOH/g	ASTM D2896	7,4
Flash point, °C	ASTM D 92	229
Pour point, °C	ASTM D 97	-39
Density @ 15 °C, kg/l	ASTM D 1298	0,853

## Health and safety

The oil poses no threat to human health and the environment under keeping of service rules of personal and industrial hygiene, as well as when used properly in the recommended applications,. Avoid skin contact. When changing the oil, use protective gloves/mittens. Upon skin contact wash the oil off with soap and water immediately. For more information on this subject please refer to the product safety data sheet.

## Environmental protection

Waste oil and remainder of the products are under obligatory collection in a hermetically sealed container and handing over to waste oil acceptance stations. Do not discharge waste oil into drains, soil or water.