



G-Energy Expert L

5W-30, 5W-40, 10W-30, 10W-40

Effective Semisynthetic Protection

Description

Semi-synthetic engine oils G-Energy Expert L 5W-30, 5W-40, 10W-30 and 10W-40 are formulated with synthetic feedstock and improved additive composition to provide stable oil film and reliable wear protection under various operating conditions (including low temperature). Enhanced adaptive properties extend engine life.

Benefits

- **Higher base number**
Wear debris removal and higher acid-neutralizing abilities prevent rapid oil oxidation and retain performance properties of the oils throughout their life (even when used in out-of-warranty cars).
- **Cleaning and dispersant properties**
Enhanced cleaning and dispersant properties prevent deposit and lacquer formation, maintain system cleanness and maximize engine longevity.
- **Viscosity-temperature characteristics**
Stable viscosity is guaranteed over a wide temperature range throughout the service life of oil.
- **Seal compatibility**
Good compatibility with seal materials retains seal elasticity and reduces the risk of oil leakage.
- **Wear protection**
The oils deliver outstanding lubrication of friction pairs during long-lasting operation at maximum speed and under highest loads. The products reduce wear and provide reliable protection of engine throughout the lubricants life.

Applications

- Gasoline and diesel engines (with turbocharger or not) in foreign and domestic cars, light trucks and vans where the API SL/CF (or earlier specifications) oils of SAE 5W-30, 5W-40, 10W-30, 10W-40 grades are recommended.



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Specifications and Approvals

- API SL/CF
- ACEA A3/B4
- VW 501 00/505 00
- MB 229.1 (only G-Energy Expert L 5W-30, 5W-40, 10W-40)
- AVTOVAZ (only G-Energy Expert L 5W-30, 5W-40, 10W-40)
- AAI (only G-Energy Expert L 5W-30, 5W-40, 10W-40)

Typical Properties

G-Energy Expert L 5W-30, 5W-40, 10W-30, 10W-40

Viscosity		5W-30	5W-40	10W-30	10W-40
• cSt @ 40°C	ASTM D 445	69,2	88,1	84,3	97,7
• cSt @ 100°C	ASTM D 445	11,4	14,3	12,4	14,1
Viscosity Index	ASTM D 2270	159	168	143	148
Flash Point, COC, °C	GOST 20287	234	228	233	235
Pour Point, °C	ASTM D 97	-41	-40	-38	-36
Base Number, mg KOH/g	ASTM D 2896	10,1	10,1	10,1	10,1
Density @ 20°C kg/m ³	ASTM D 4052	865	860	870	871

Health and Safety

When used as directed, G-Energy Expert L 5W-30, 5W-40, 10W-30, 10W-40 oils have no adverse effects either on health or environment. Beyond normal hygiene no special precautions are required. Avoid contact with skin. Wear protective gloves. In case of contact, flush immediately with water and soap. For more information please refer to the Safety Data Sheet.

Reduced Environmental Impact

Place used product in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor. Do not discharge waste lubricant into groundwater, watercourses, soil, sewerage or drainage systems.



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