

## G-Energy Expert L 5W-30, 5W-40, 10W-30, 10W-40, 20W-50



Engine oil



Semi-synthetic (SAE 5W-30, 5W-40, 10W-30, 10W-40)



Mineral (SAE 20W-50)



Multigrade



For gasoline and diesel engines



High mileage vehicles





**G-Energy Expert L** — is a series of engine oils designed to provide maximum protection for petrol and diesel engines in high mileage vehicles operating under different operating conditions. Maintains the pressure in the lubrication system ensures reliable engine performance with mileage and has high fuel resistance of variable quality (with Sulphur content up to 500 ppm). The SAE 20W-50 viscosity grade oil provides additional engine protection in hot climates

### Application



- Passenger cars, light commercial vehicles and vans
- Gasoline and diesel engines without diesel particulate filters (DPF) requiring oil with API SL; API CF standards
- Turbo-charged and direct injection engines
- Older engine technologies

### Advantages

	Keep engine parts clean by preventing deposits
	Confidence in engine protection when using variable quality fuels due to the total base number reserve
	Providing oil pressure in the high mileage engine lubrication system
	Reduced leakage risk due to compatibility with sealing materials

## Specifications

- API SL
- API CF\*
- ACEA A3/B4\*\*; ACEA A3/B3 (only 20W-50)
- MB 229.1
- VW 501 01/ VW 505 00
- Avtovaz\*\*\*

\*- only SAE 5W-30, 5W-40, 10W-30

\*\* - except SAE 20W-50

\*\*\* - only SAE 5W-30, 5W-40, 10W-40

## Typical characteristics

Properties	Values					Method
	5W-30	5W-40	10W-30	10W-40	20W-50	
Kinematic Viscosity, mm <sup>2</sup> /s at 40 °C at 100 °C	70,2 11,8	88,1 14,3	81,0 12,2	95,8 14,3	175 19,0	ASTM D 445 ASTM D 445
Viscosity Index	165	169	147	154	124	ASTM D 2270
Flash Point (COC), °C	239	244	228	232	255	ASTM D 92
Pour Point, °C	-45	-43	-44	-42	-28	ASTM D 97
Density at 15 °C, kg/m <sup>3</sup>	853	856	870	870	889	ASTM D 4052
Total Base Number, mg KOH/g	10,2	11,1	11,3	11,1	10,2	ASTM D 2896

## Certified

ISO 9001



ISO 14001



ISO 45001

