

G-ENERGY ANTIFREEZE PSi-OAT 40

Ready-to-use liquid coolant of a low-hybrid type. Contains ethylene glycol and a package of corrosion inhibitors based on salts of organic acids, phosphates and silicates (PSi-OAT). Intended for use in internal combustion engines. Provides extended change interval and comprehensive protection against corrosion.

Application:

- Cooling systems of gasoline and diesel internal combustion engines.
- The concentrate is not used as an operating liquid coolant.

Advantages:

- Contains a package of corrosion inhibitors based on carboxylate technology with the addition of silicates and phosphates.
- Contains no nitrites, amines and borates.
- Provides anti-corrosion protection for all metals and alloys used in internal combustion engines.
- Effectively protects the engine, radiator, water pump and heat exchanger from overheating, defrosting, deposit formations and clogging.

Typical physical and chemical properties

Parameters	Method	G-Energy Antifreeze PSi-OAT 40
Appearance	Visually	Transparent homogeneous red liquid without visible foreign inclusions
Density at 20 °C, g/cm ³	ASTM D1122	1.073
Refractive index at 20 °C	GOST 18995.2	1.386
Boiling point, °C	ASTM D1120	108
pH	ASTM D1287	8.5
Alkalinity reserve, ml	ASTM D1121	15.1
Chilling point, °C	ASTM D1177	- 37
Foamability	ASTM D1881	max 50 ml / 3 s

Specifications:

- Volkswagen (VW) TL 774-L (G12 EVO), Deutz DQC CC-14, Bentley TL-774-L, Audi TL 774-L, Bugatti TL 774-L, Deutz DQC CC-14, Lamborghini TL 774-L, Porsche TL 774-L, Seat TL 774-L, Skoda TL 774-L, BMW LC-18 > 01/2019

Standards:

- ASTM D3306, D4985, GOST 33591-2015

Corrosion in Glassware Test, ASTM D1384/BS 6580

	Brass	Copper	Solder	Steel	Cast iron	Aluminum
	Weight loss ¹ , mg/plate					
ASTM D3306 and BS 6580 standard (max)	10	10	30	10	10	30
G-Energy Antifreeze PSi-OAT	1	1	-13	1	3	4

1 - negative values indicate weight gain

Hot Surface Corrosion Test, ASTM D4340

	Weight loss ¹ , mg/cm ² /week	ASTM D3306 standard
Aluminum	-0.07	max. 1

2 - test results on the concentrate of G-Energy Antifreeze PSi-OAT 40 using aggressively corrosive water

The company's management system is certified in accordance with the international standards

ISO 9001



ISO 14001



ISO 45001

