

G-ENERGY ANTIFREEZE HD 40, 60

Ready-to-use liquid coolants of a low-hybrid type for heavy-duty internal combustion engines, including powerful engines of quarry trucks and stationary engines of mini-power plants. Provide improved protection against cavitation and an extended change interval.

- G-Energy Antifreeze HD 40 is a solution of concentrate and water in a ratio of 50/50 by volume.
- G-Energy Antifreeze HD 60 is a solution of concentrate and water in a ratio of 60/40 by volume.

Application:

- Heavy-duty diesel engines.
- Load-carrying and light motor vehicles.
- Stationary engines of mini power station.
- A specialized product for use in heavy-duty equipment.

Advantages:

- Low-hybrid technology is the Organic Acid Technology.
- Contain nitrites and molybdates - for heavy-duty (HD) engines.
- Provide maximum protection against corrosion and sludge formation.
- Contain no amines, phosphates, silicates.

Typical physical and chemical properties

Parameters	Method	G-Energy Antifreeze HD 40	G-Energy Antifreeze HD 60
Appearance	Visually	Transparent homogeneous violet liquid without visible foreign inclusions	Transparent homogeneous violet liquid without visible foreign inclusions
Density at 20 °C, kg/m ³	ASTM D1122	1.068	1.076
Refractive index at 20 °C	GOST 18995.2	1.385	1.392
Boiling point, °C	ASTM D1120	108	> 108
pH	ASTM D1287	8.5	8.4
Alkalinity reserve, ml	ASTM D1121	6.5	8.5
Chilling point, °C	ASTM D1177	-37	-53
Foamability	ASTM D1881	max 150 ml / 5 s	max 150 ml / 5 s

Specifications:

- Caterpillar ELC (EC-1); Cummins 90T8-4; Detroit Diesel 7SE298; Freightliner 48-22880; General Motors 1825; General Motors 1899M; General Motors 6277M

Standards:

- ASTM D3306; ASTM D4985; ASTM D6210; SAE J1034; SAE J1038; TMC RP329

Corrosion in Glassware Test, ASTM D1384

	Brass	Copper	Solder	Steel	Cast iron	Aluminum
	Weight loss, mg/plate					
ASTM D3306 standard (max)	10	10	30	10	10	30
G-Energy Antifreeze HD 40	3	3	2	3	3	7

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

ISO 9001



ISO 14001



ISO 45001

