Product specifications

Professional range

COOLING SYSTEM STOP LEAK

Wynn's Cooling System Stop Leak is a product designed to stop small leaks in the radiator and cooling system, with anti-corrosive properties.

Properties

- ✓ Stops and prevents leakages in the radiator, cooling and heating system.
- ✓ Stops head gasket leaks.
- ✓ Will not harm rubber hoses, gaskets or other system components.
- ✓ Is compatible with all antifreezes and coolants, also with OAT coolants (Organic Acid Technology).
- ✓ Is formulated to avoid clogging of radiator waterways and temperature sensors.
- ✓ Enhanced protection against rust and corrosion.

Applications

- ✓ For all “water” cooled systems of petrol, diesel and LPG engines when minor leaks are noted.
- ✓ Can also be used as preventive agent.

Directions

- ✓ If the cooling system is excessively fouled, it is recommended to clean first with Wynn’s Cooling System Flush.
- ✓ Check coolant level.
- ✓ Start engine, bring to operating temperature with all heater controls in HOT position.
- ✓ Shake the bottle well and pour the total contents into the cooling system via the radiator filler cap or via the expansion tank in case of a completely closed radiator with through-flow system.
- ✓ Close the system and let the engine run for approx. 10 min. until the leak or leaks are sealed.
- ✓ If necessary top up with cooling liquid.

ITW Additives International – Industriepark West 46 – B-9100 Sint-Niklaas / Belgium
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PN 45641_44 - Last update: 18/10/2022

Product specifications

- ✓ A 325 ml bottle treats systems up to 7 litres.

Packaging

PN 45641 – 12x325 ml – DE/IT/FR/NL/DA/NO
PN 45644 – 12x325 ml – EN/ES/RU/SV/HU/PL

Tests

ASTM D1881 Test
Standard Test Method for Foaming Tendencies of Engine Coolants

Sequences	1	2	3	Average
Foam volume (ml)	50	45	65	53
Break time, appearance of the "eye" (sec)	6	4	4	5

ASTM D3147 Test
Standard Test Method for Testing Stop-Leak Additives for Engine Coolants.
This test method covers screening procedures for the preliminary evaluation of leak stopping materials intended for use in engine cooling systems.

Gum Before/After	Particles Before/After	Screen	Final Round	Final Slot	Fluid Lost ml
No / No	No / No	0.030 in. (0.762 mm)	0.020 in. (0.508 mm)	0.010 in. (0.254 mm)	690

Corrosion Test for Engine Coolants in Glassware according to CEC C 22-A-00
This test method covers a simple beaker-type procedure for evaluating the effects of engine coolants on metal specimens under controlled laboratory conditions

Specimen	CEC	Mass change (mg/specimen)	
	Specifications (mg)	Before treatment	After Treatment
Copper	± 5	-0.1	-0.8
Solder	± 5	-1.9	-2.2
Brass	± 5	-0.7	-1.2
Steel	± 2.5	0.2	
Cast iron	± 2.5	1.8	
Cast aluminium	± 5	-1.3	-3.4

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Product specifications

ASTM D-1384 Corrosion Test for Engine Coolants in Glassware

This test method covers a simple beaker-type procedure for evaluating the effects of engine coolants on metal specimens under controlled laboratory conditions

Specimen	CEC	Mass change (mg/specimen)
	Specifications (mg)	
Copper	± 10	0.6
Solder	± 30	2.4
Brass	± 10	1.1
Steel	± 10	-0.8
Cast iron	± 10	-1.7
Cast aluminium	± 30	1.7

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