

**VALCO**  
**-37°C coolant Type E**

Organic coolant based on ethylene glycol reinforced with phosphates. It is formulated without silicate, nitrite, amine and borax.

It provides excellent protection against oxidation and corrosion of metals, including iron and aluminum based alloys.

Product suitable for Renault vehicles where specification 41-01-001 / Type E is required. It is not compatible with B4A and B4D engines for which Type D fluid must be used.

This product is ready to use and must not be diluted in order to maintain its anti-corrosion properties.

**Specifications**

Standards :

- ✓ ASTM D 3306
- ✓ ASTM D 6210
- ✓ JIS K 2234:2018

Manufacturer standards :

- ✓ Renault 41-01-001-V / Type E
- ✓ Nissan RNES-B-00014 v2.1
- ✓ Mercedes MB 326.7

Also meets the requirements of the following manufacturer specifications:

- ✓ PSA B71 1111
- ✓ Ford WSS-M97B57-A2
- ✓ Fiat 9.55523

Also protects vehicles from the following manufacturers when P-OAT type coolant is required:

Fuso, Bobcat, Daewoo, Honda, Hyundai, Kia, Kubota, Ssangyong, Mazda, Datsun, Infiniti, Mitsubishi, Samsung, Abarth, Maserati, Opel, Vauxhall, Subaru, Maruti-Suzuki, Suzuki, Daihatsu, Hino, Lexus, Toyota, Alpine

**Physicochemical Characteristics**

Characteristics	Method	Units	Typical value	Min.	Max.
Aspect	Visual	-	Limpid homogenous		
Colour	Visual	-	Blue-green		
Odour	Olfactory	-	Characteristic		
Density	D 20/4	-	1.071	-	-
Flash point	NF M 07 011	°C	No		-
Freezing point	ASTM D 1177	°C	-37.5	-	-37.0
pH	NF T 78 103	pH	7.9	7.0	8.5
Alcalinity reserve	NF T 78 101	ml HCL 0.1N	9.4	7.0	-
Boiling point	NF R 15 602-1	°C	109	-	-
Glassware corrosion	ASTM D 1384	mg/sample			
Copper			1	-	10
Solder			1	-	30
Brass			0	-	10
Steel			1	-	10
Cast Iron			1	-	10
Aluminium			2	-	30
Hot plate corrosion	ASTM D 4340	mg/cm <sup>2</sup> /week	-0,1	-	1,0

**Security**

See Safety Data Sheet

This product contains a repellent agent in accordance with French Decree No. 95-326 of March 20th, 1995