



Identification test for polyol-ester oils

→ DETECTOIL-POE

04/11



DETECTOIL-POE is an identification test for polyol-ester oils.

This simple and economical device allows, on site, the immediate identification of the type of oil used: mineral – alkylbenzene or polyester.

The user avoids all risk of mixing oils without first having to undertake long chemical laboratory analysis.

■ Applications

- DETECTOIL-POE is a ready to use test which permits the user to know in few seconds if the oil used in refrigerating and air conditioning units is a polyol-ester or not.

■ Functional features

- DETECTOIL-POE is a two phase solution, based on solvents and caustic products.
- The “test” solution forms a homogenous gel in the presence of a polyol-ester oil (the solution sets).
- The “test” solution remains liquid in the presence of a mineral or alkylbenzene oil.
- Level of VOC (Volatil Organic Compounds): 50% - 9 grams / product.

■ CARLY advantages

- DETECTOIL-POE is ready for use product, usable on site.
- Reading the test is very simple, quick (only few seconds) and efficient.
- This product can be used instead of a long onerous analysis in a laboratory, or other measuring devices (refractometers).



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■ Directions for use

- The bottle of DETECTOIL-POE should be opened just before use.
- Pour a sample of the oil to be tested into the bottle, and then close it.
- Shake the " test " bottle for about fifteen seconds.
- Check the appearance of the solution
 - if a coloured gel has formed (the solution has set) : the tested oil is a polyol-ester one.
 - if the solution remains liquid : the oil in question is not a polyol-ester.

■ Precautions for use

- * To ensure reliable measurement, shorten the handling time between the oil sampling from the compressor and the opening of the DETECTOIL-POE bottle.
- * Do not smoke whilst using this product.
- * Do not swallow.
- * Noxious by inhalation.
- * Contains caustic products, avoid contact with the skin.
- * It is recommended wearing gloves and glasses when using the product.
- * R11 Easily flammable.
- * R35 Causes severe burns.
- * S2 Keep away from childrens.
- * S16 Keep away from all flames or sources of sparks or ignition - Do not smoke.
- * S23 Do not inhale the vapors.
- * S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- * S37/39 Wear suitable gloves and Wear eye / face protection.
- * C: Corrosive.
- * F: Easily flammable.
- * The product is solvent-based and should be kept in a cool and dry place.
- * Do not expose the product to sunlight.
- * **Storage conditions:** Keep the product at temperatures between +5°C and +30°C, in a dry and cool place, and protect from sunlight.
- * **Reprocessing:** the product should be disposed of in accordance with the legislation in force.

■ Technical features

CARLY references	Identification test for oils	Packaging
DETECTOIL-POE	polyol-ester	1 bottle of 30 ml

■ Weights and packaging

CARLY references	Unit weight (kg)	Packaging unit
DETECTOIL-POE	0,08	18