



Identification test for polyol-ester oils

→ DETECTOIL-POE

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.
- Intended for professional use.

■ 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.

■ Recommendations

Precautions of use - see the Safety Data Sheet

- Highly flammable liquid and vapour.
- Causes severe skin burns and eye damage.
- May cause drowsiness or dizziness.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash Hands and forearms thoroughly after handling.
- Wear protective gloves, eye protection, face protection.
- 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 swallow.
- 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.

Waste treatment

- Used products must be disposed of in accordance with current regulations for hazardous industrial waste.
- Do not dispose into drains or the environment.

■ 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	0,07	18