



PANOLIN
Bläsimühle 2 – 6
CH-8322 Madetswil
Switzerland
www.panolin.com



PANOLIN eCOOL LV (P 2009-10)

Heat transfer fluid – rapidly biodegradable saturated synthetic ester

Features and benefits

- Fully synthetic, rapidly biodegradable heat transfer/cooling fluid
- Very good shear and ageing stability
- Good corrosion protection even with non-ferrous metals
- Compared to conventional heat transfer fluids based on mineral oil, has a higher flash and flame point, reducing the risk of fire
- The high dielectric strength allows direct contact with live components
- Thanks to direct contact with live parts, heat is absorbed at the point of creation

Applications (follow manufacturer's instructions)

- Particularly recommended for applications and aggregates where heat transfer fluid leakage can endanger soil or water
- Electrical plugs
- Rectifiers
- Switches
- Cooled charging cables
- Batteries
- Electrically powered vehicles

Environmental compatibility

It is decomposed by micro-organisms in water and/or soil almost without any residues.

- Biodegradability acc. to OECD 301 B: > 60%

Dielectric strength

PANOLIN eCOOL LV can absorb up to 1 000 ppm water without changing the dielectric strength. As the dielectric strength depends not only on the insulation quality but also on the degree of humidity, no guarantee can be given of dielectric strength.

Technical data (mean values, subject to normal tolerances)

PANOLIN eCOOL LV	Prod No	Density (g/cm ³) at 15°C	Viscosity (mm ² /s) 40°C 100°C	Flashpoint C.O.C., °C	Firepoint C.O.C., °C	Pour point °C	Viscosity index
	47415	0.867	5.5 1.9	161	185	– 50	131

Instructions

Please refer to the drum label, or for detailed information, to the safety data sheet – available from PANOLIN.
Before changing over to PANOLIN ECLs, please ask for our instructions.