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Part of the PANOLIN concepts



# PANOLIN BIOTRACK E

**Cable/chain lubricant – readily biodegradable, synthetic esters**

Environmentally Considerate Lubricant (ECL)/Environmentally Acceptable Lubricant (EAL)

## Features and benefits

- Fully synthetic and environmentally friendly cable/chain lubricant, based on renewable synthetic esters
- Minimally toxic
- Excellent oxidation resistance at high temperatures
- Reduces friction
- Very good adhesion

## Applications (follow manufacturer's instructions)

- Wire ropes and cables
- Drive and conveyor chains in sensitive areas, e.g. lock gates or sluices
- Railway switchpoint bolts and closures
- Hydraulic rock breakers

## Environmental compatibility

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

- Biodegradability acc. to OECD 301 B: > 60%
- US EPA VIDA (Vessel Incidental Discharge Act), VGP 2013 (Vessel General Permit)
- Water hazard classifications acc. to AwSV: WGK 1

## Approvals (valid manufacturer approval for the specific lubricant)

Gürdesan  
 Macor Marine (54930)

## Technical data (mean values, subject to normal tolerances)

PANOLIN BIOTRACK E	Product No.	Density g/cm <sup>3</sup> 15°C	Viscosity in mm <sup>2</sup> /s		Flashpoint COC in °C	Pour point in °C	Viscosity index
			40°C	100°C			
68	54918	0.921	73.8	13.5	274	< -45	188
320	54926	0.958	320.0	37.0	> 256	-36	164
700	54930	0.966	750.0	77.6	> 250	-21	180

## Instructions

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