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Part of the PANOLIN concept  
GREENMACHINE®

## PANOLIN BIOGEAR RS

**Gear oil – readily biodegradable, saturated synthetic esters**

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

### Features and benefits

- Fully synthetic and environmentally friendly gear oil, based on renewable saturated synthetic esters for gearboxes, differentials and final drives
- Minimally toxic
- Outstanding anti-wear and anti-corrosion properties
- CO<sub>2</sub> reduction due to extended oil-change and service intervals
- Prevents gumming and deposits even under high thermal load
- Excellent oxidation resistance at high temperatures

### Applications (follow manufacturer's instructions)

- For gearboxes and differentials
- For rail maintenance machines and earthmoving equipment requiring environmentally considerate gear oils

### Environmental compatibility

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

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

### Specification

API GL-4/5

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

Airo by TIGIEFFE s.r.l.

Sequani Meccanica/CTE



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

PANOLIN BIOGEAR RS	Product No.	Density g/cm <sup>3</sup> 15 °C	Viscosity in mm <sup>2</sup> /s 40 °C 100 °C	Flashpoint COC in °C	Pour point in °C	Viscosity index
SAE 80W-90	25325	0.920	92.8 15.6	173	- 33	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.