

# Lanopro Sliding-Oil 23-68 A

## Slide/Circulation-Oil



Specification Sheet - 2010.12.06

**Lanopro Sliding-Oil 23-68 A** is environmentally acceptable vegetable slide way oil.

**Lanopro Sliding-Oil 23-68 A** is recommended for use in metal processing machines where cutting oil is used. The product can also be used as hydraulic oil in the indoor system. The product is intended for machines with central lubrication systems.

**Lanopro Sliding-Oil 23-68 A** is designed to prevent stick slip on the slide ways.

Not recommended in machines using water miscible cutting fluids.

### Physical and Chemical Data (typical)

Analysis	Method	Unit	Resultst
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	65
Viscosity at 20°C	ISO 3104	mm <sup>2</sup> /s	148
Density at 20°C	ISO 3675	kg/m <sup>3</sup>	920
Colour	Optical		yellow / brown
Odour	Nasal		rapeseed related
Freezing Point	Own	°C	0
Flash Point	SS 150202	°C	228

### **INSTRUCTIONS: Oil change when the product is used as in circulating oil system or hydraulic indoor system.**

When changing from another oil (eg mineral oil) to the environmentally friendly oil the following approach is recommended.

#### **Industrial systems**

1. Run all cylinders to end position, so that the maximum share of the oil is pushed into the tank.
2. Drain off the old oil from the tank and if possible from other components, oil coolers, pump and motor cases.
3. If possible, clean the tank interior.
4. Replace the new filter / filter cartridge. (Glass fiber filter is recommended)
5. Fill up the tank with new hydraulic oil. Enter through the back filter or filters separately.
6. Run the machine and all its functions into production one day.
7. Drain the hydraulic oil. This oil is normally used for additional cleaning process.
8. Fill the tank with new hydraulic oil.
9. Check the filter indicators and replace filters if necessary

**Please follow the machine manufacturer's instructions for interval of oil change from used hydraulic oil to the new oil, then the following approach is recommended:**

Follow the above instructions, paragraphs 1-9.

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