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## TECHNICAL INFORMATION

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# **KROIL SINTLUBE - 2000**

### **SPECIAL LUBRICANT FOR VERY HIGH TEMPERATURE CHAINS**

#### **DESCRIPTION**

The **KROIL SINTLUBE 2000** is a special lubricant formulated with fluids specially resistant to very high temperature and with unctuosy improvers, corrosion protection, anti-oxidant and antiwear additives. It is designed to reach excellent efficiency against evaporation at temperatures near 240°C.

The **KROIL SINTLUBE 2000** components characteristics and quality guarantee excellent lubricant properties and allow to reduce the maintenance costs and also the oxidation residues particularly at high temperature.

#### **APPLICATIONS**

For all kind of mechanisms which work at high temperature: chains, roller and plain bearings, joints, guides and so on... in Ceramic, Steel, Automotive, Textile... industries (drying, cooking, painting tunnels, polymerisation etc.)

#### **CHARACTERISTICS**

ISO VG .....	100
Aspect .....	Yellowish transparent liquid
Density at 15 °C (ASTM-D-4052) .....	0.903 gr/cm <sup>3</sup>
Viscosity at 40 °C (ASTM-D-445) .....	90 to 110 cSt
Viscosity at 100 °C (ASTM-D-445) .....	10 to 12 cSt
Viscosity Index (ASTM-D-2270) .....	100
Flash Point (ASTM-D-92) .....	240 °C
Evaporation lost (24 hours at 200°C) .....	< 2.5%
Four-ball test, wear scar (1h/40kg/1200rpm) ....	0.45 mm

**Note:** These data are average values after different tests. Due to the great variety of working conditions, these data do not constitute a base for specifications. KRAFFT reserves the right to change the specifications without previous notice.

#### **DIRECTIONS FOR USE**

The **KROIL SINTLUBE 2000** is applied by the usual methods: brush, oiler, sump and automatic spraying and dripping systems.

When possible and according the mechanism's dirtiness, it is always suitable to perform a mechanical and/or chemical cleaning before using them.

#### **BENEFITS**

- Excellent lubricant characteristics.
- High anti-oxidant, anti-evaporation and antiwear properties.
- Very low carbonaceous residues formation
- High adhesivity (resistant to centrifugal effect).
- Reduces the maintenance costs allowing to increase the relubrication intervals.