

## DEUREX® T 3918 O

### TECHNICAL INFORMATION

**Chemical description:** Oil-based wax dispersion, Fischer-Tropsch wax, based on DEUREX® T 39

**Benefits:** Excellent abrasion and scratch resistance

**Application:** Oil-based Printing inks  
Offset printing inks (Sheetfed, Web offset, Heatset, Coldset)

Oil-based Wood Protection

Hot foil stamping

Oil-based Lubricants

**Properties:**

- Excellent abrasion- and scratch resistance
- Excellent gloss retention and rub resistance
- Very good slip (low COF) and anti-blocking
- Very good shiny gloss and soft feel, soft rheology
- Improved chemical and temperature resistance
- Improved transparency and good overprintability
- 100% non-volatile and fast-setting

**Based on:** Linseed oil (Can be made with any other oil)

**Technical data:**

Colour:	White opaque
Delivery form:	Liquid
Packaging:	IBC 950 kg, Drum 190 kg

	Minimum	Maximum	Method
Drop point (wax):	110 °C	120 °C	LV 12 DGF M-III 3
Typical value:		98 % < 18 µm	LV 09
Particle size:		50 % ~ 8 µm	DIN EN ISO 1524
Solid content*:	34 %	36 %	LV 6 DIN EN ISO 787-2

\* part of certificate of analysis

**Processing:**

- Stir well before usage
- Consume quickly after opening

**Storage, shelf life:**

- Store at temperatures between +5 °C and +28 °C, avoid frost
- Shelf life 6 months in closed original container

**Alternative delivery forms:**

**DEUREX® T 39 K** – Fine granules  
**DEUREX® T 3908 W** – Water-based dispersion, 98% < 8 µm  
**DEUREX® T 3915 M** – Micronized powder, 98% < 15 µm  
**DEUREX® T 3920 M** – Micronized powder, 98% < 20 µm

**Alternative products:** **BIOMER®** – biodegradable waxes