

## PLANTOCUT 22 SR

### Description

PLANTOCUT 22 SR is based on modified vegetable-based raw materials and is suitable for a broad range of applications.

PLANTOCUT 22 SR contains carefully selected and matched chlorine-free EP additives and is remarkably copper-inactive.

### Application

PLANTOCUT 22 SR is recommended for all tool-machining operations because of their EP additives.

PLANTOCUT 22 SR can be used for the machining of high alloyed steels and yellow metals.

PLANTOCUT 22 SR is especially suitable for turning, milling, thread cutting and broaching operations.

Please ensure that all seals and elastomers are compatible with ester oils. A corresponding list of manufacturers is available from FUCHS EUROPE SCHMIERSTOFFE GMBH.

### Advantages / Benefits

- >90 % biodegradable according to CEC-L-33-T-82
- optimum wetting, cooling and flushing performance
- greater safety because of higher flashpoint
- reduce consumption because low-misting and low evaporation
- extremely low evaporation
- reduce workshop pollution
- produce outstanding surface finishes
- free of chlorine, zinc and heavy metals
- low odour
- skin compatible due to carefully selected raw materials
- tried and tested formulation in wide areas of application



PI 1-3986e, Page 1 / PM 1 / 04.15

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### Typical chemical and physical properties

Property	Unit	Data	Test method
Density at 15 °C	g/ml	0.90	DIN 51 757
Color	ASTM	0.5	DIN ISO 2049
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	22	DIN 51 562-1
Flash point	°C	215	DIN ISO 2592
Neutralization number	mgKOH/g	0.4	DIN 51 558
Copper corrosion	degree	1-100A3	DIN EN ISO 2160
Pourpoint	°C	< -10	DIN ISO 3016
Four ball apparatus	N	3200	DIN 51 350

As regards application, please observe current German VDI Guidelines 3035, 3397 Sections 1 – 3 for perfect results.

**Storage conditions:** Protect from frost!



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We therefore recommend that you consult a FUCHS SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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PI 1-3986e, Page 3 / PM 1 / 04.15

