

## Product Information 08.40.03

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### Espadon ZCZ-1500

#### Description

Espadon ZCZ-1500 is a cutting oil, based on refined High Grade mineral base oils. The product is supplemented with selected anti-mist, polar and chemical 'Extreme Pressure' additives. Together with effective evaporation, Espadon ZCZ-1500 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Espadon ZCZ-1500 achieves the following properties:

- Chlorine-free
- Outstanding EP properties
- Good air-release and resistance to foaming
- Does not affect machine varnishes and seals
- Low aromatic content
- Low formation of oil mist
- A low level of evaporation
- Good surface finish
- Can be used with all other Kroon-Oil machine oils

#### Application

Espadon ZCZ-1500 is a multipurpose oil used for the processing of higher-tensile strength free-cutting steel, as well as of bright (non-ferrous) and light metals. Furthermore, this oil has outstanding properties in relation to surface, wire, and ball grinding. The universal character of Espadon ZCZ-1500 means that it can be used as a machine oil for transmissions and the hydraulic system.

#### Typicals

Density at 15 °C, kg/l	0,876
Viscosity 40 °C, mm <sup>2</sup> /s	32,30
Viscosity 100 °C, mm <sup>2</sup> /s	5,61
Viscosity Index	112
Flash Point COC, °C	224
Pour Point, °C	-12
Total Base Number, mgKOH/g	0,3
Acid number, mgKOH/g	1,56

#### Available packagings



35658

500 ml bottle



37959

20 L can



11165

60 L drum

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