

## Product Information 08.40.05

21-11-2023

### Kroon-Oil Espadon ZC-3500 ISO 22

#### Description

Espadon ZC-3500 is a cutting oil based on refined High Grade base oils, supplemented with selected anti-mist, polar and chemically active 'anti weld' additives. Together with effective evaporation, Espadon ZC-3500 contributes to an improvement in the working environment during its entire service life. Thanks to its special formulation, Espadon ZC-3500 achieves the following properties:

- Chlorine-free
- Extremely good EP properties
- 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 ZC-3500 is a heavy-duty cutting oil suitable for use in machining high-alloy, stainless, acid and heat-resistant austenitic steels that are very difficult to machine. It has proven its worth in the machining of types of steel that are prone to smearing, meaning that build-ups can form on the cutting edges. The product can be used in the cutting and shaping of gear wheels and the tapping of threaded spindles.

N.B. Discolouration may occur when processing non-ferrous metals.

#### Typicals

Density at 15 °C, kg/l	0,884
Viscosity 40 °C, mm <sup>2</sup> /s	21,20
Viscosity 100 °C, mm <sup>2</sup> /s	4,18
Viscosity Index	98
Flash Point COC, °C	182
Pour Point, °C	-15
Total Base Number, mgKOH/g	1,0
Acid number, mgKOH/g	0,77

#### Available packagings



35657  
500 ml bottle



34320  
5 L can



36001  
20 L pail



11168  
60 L drum



11268  
208 L drum

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.