



# OPUS LUBRICANTS PRODUCT DATA

## OPTIMO NC3

**Chlorine free extreme pressure cutting oil for difficult to severe machining operations.**

### Description

**Opus Optimo NC3** is a chlorine free oil developed for difficult to severe machining operations on high tensile materials, stainless steels, forged steels etc. It is particularly suited to heavy duty broaching, high speed machining and deep hole boring for narrow diameters.

**Opus Optimo NC3** contains high levels of active sulphur EP and lubricity additives to meet the demands of such operations.

**Opus Optimo NC3** is formulated as a low viscosity oil to ensure rapid penetration to the cutting tool / work piece interface and effective flushing of swarf and chippings.

### Features & Benefits

- Very high EP and lubricity package
- Low viscosity to promote good detergency
- Rapid penetration to the cutting zone
- Formulated on high quality mineral oil
- Protects expensive tooling
- Extends cutting tool life
- Enhances component finish
- Chlorine free to reduce disposal costs

### Typical Data

Colour:	Brown
Viscosity:	10 mm <sup>2</sup> /s
Chlorine:	No
Sulphur:	Yes - active
Ester:	Yes
Specific Gravity:	0.85
Flash Point:	>140°C



### **Operational Recommendations**

**Opus Optimo NC3** is designed to be used as supplied.

**Opus Optimo NC3** should not be used on “yellow” metals such as brass and copper because of the potential for staining.

Although this product is not classified as hazardous to health, good standards of hygiene and housekeeping should always be adopted when using any industrial oils.

A separate MSDS is available for this product. Additional advice can also be obtained from your local representative.

Revision Date: March 2021

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