

FLUID RELEASE OMNEO QUALITY CERTIFICATE

1115
2021

- Based on the fluid release method as described in:

**OMNEO GSO 19 0622 Grade 2
Vacuum Cleanliness**

- and the comparison with outgassing specifications as specified in:

**ASML GSA 07 2220 Grade 2
Vacuum Cleanliness**

the cutting fluid: **QualiChem
Xtreme Cut 250 NBF** supplied by

Glavitech B.V.
Pampus 22
3251 ND Stellendam
The Netherlands

has been release to be a possible solvent
cleaning system for products made of the
material:

- Aluminium 6082
- RVS 316L
- Titanium Grade 5

For this fluid release, Residual Gas Analyses (RGA) determined that this cutting fluid can be adequately removed with the following types of cleaning:

- alkaline precision cleaning using **Deconex HT 1511** with concentration of 2% combined with baking-out
- vapor precision cleaning using **Dowclene 1601**
- precision cleaning using **Opteon SF80**

The certificate only applies to the cutting fluid QualiChem Xtreme Cut 250 NBF mixed with tap water and is valid until **November the 15th, 2023**. The conditions, test results and restrictions with regard to certification are laid down in the report:

- SO_21_1157 Report
RGA Validationn**

The addition of other products (for example biocides, cleaning agents, PH boosters, stabilizers, emulsifiers, inhibitors, water softeners, anti-foam or otherwise) falls outside the scope of this certification. Additions to the product QualiChem Xtreme Cut 250 NBF should therefore not be used where ASML GRADE 2 specifications are required.



**OMNEO
QUALITY
REGISTERED**

Eindhoven, 15th of November 2021
C.J. v. Duijn

OMNEO offers a reliable
contamination control system
for the entire supply chain
in the high-tech industry

Omneosystems.com