



PAMAS Clean Fluid/ PAMAS Ultra Clean Fluid for rinsing and dilution purposes

Clean Fluid/Diluent according to ISO 11171

Applications:

- For flushing of automatic particle counters
- For dilution of the samples to be measured

Product properties:

Consistent quality and guaranteed cleanliness

- PAMAS Clean Fluid
 less than 15 particles/ml at $>4 \mu\text{m}(c)$
 (corresponds to ISO 4406 purity class ≤ 11)
- PAMAS Ultra Clean Fluid
 less than 4 particles/ml at $>4 \mu\text{m}(c)$
 (corresponds to ISO 4406 cleanliness class ≤ 9)



PAMAS Clean Fluid/ PAMAS Ultra Clean Fluid for rinsing and dilution purposes



Production of Clean Fluid according to ISO 11171

PAMAS produces its own PAMAS Clean Fluid/PAMAS Ultra Clean Fluid for rinsing automatic particle counters or for diluting the samples to be measured. During production, the specifications of ISO 11171 are strictly adhered to.

- Filling the test rig with hydraulic fluid (MIL-PRF 5606)
- Two-stage multipass filtering
- Setting the conductivity to ~2300 pS/m @ 40 °C
- Filling the fluid in specially pre-cleaned bottles according to ISO 3722
- Checking the cleanliness using a primary calibrated master particle counter

A certificate is issued for the finished PAMAS Clean Fluid/PAMAS Ultra Clean Fluid, confirming its cleanliness.

Application

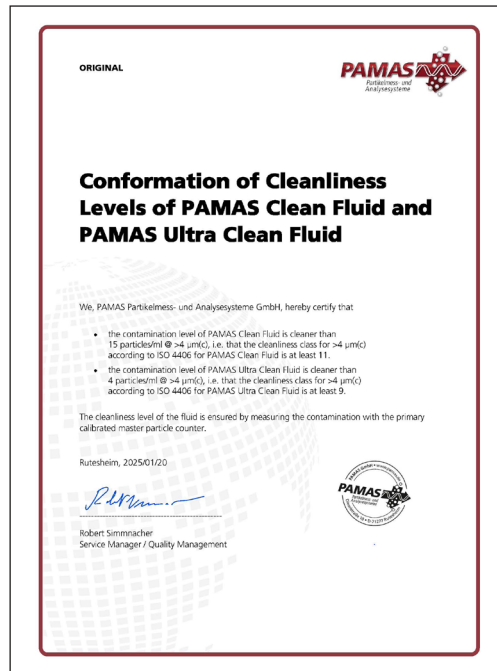
For the light blockage sensor (HCB-LD), PAMAS Clean Fluid is recommended for rinsing the particle counters or for diluting the samples to be measured.

PAMAS Ultra Clean Fluid can be used if particularly low cleanliness levels are to be achieved.

For the scattering light sensor (SLS), PAMAS Ultra Clean Fluid is recommended for rinsing the particle counters or for diluting the samples to be measured.

Compatibility/Miscibility

PAMAS Clean Fluid/PAMAS Ultra Clean Fluid must not be used with water-based particle counters or samples, but used only for oil applications.



The certificate confirms the cleanliness of the clean fluid.

Technical data

Volume

PAMAS Clean Fluid and PAMAS Ultra Clean Fluid can be purchased directly from PAMAS in 400 ml bottles.

Conductivity

~ 2300 pS/m @ 40 °C

Viscosity

~ 15 mm²/s @ 40 °C

Density

~ 0.868 kg/L @ 15 °C

Cleanliness classes (ISO 4406)

PAMAS Clean Fluid
less than 15 particles/ml at >4 µm(c),
corresponds to cleanliness class ≤11

PAMAS Ultra Clean Fluid
less than 4 particles/ml at >4 µm(c),
corresponds to cleanliness class ≤9



Sealed bottles for shipping



Management System
ISO 9001:2015

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