



CJC® Cooling Lubricant Filter

Cooling lubricant recovery



Lubricant samples – left without, right with depth filtration

»» CLEAN FLUID SYSTEM

- + remove metallic impurities
- + remove deposits and sticky residues continuously
- + reduce metal soaps and salting
- + reduce foreign oils and grease

»» Use cooling lubricant as long as possible

»» BIO STABILITY

- + avoid microbial growth
- + remove bacteria, yeasts and fungi
- + stabilize pH
- + prevent odour formation

»» higher health protection

»» HIGHER EFFICIENCY

- + less maintenance
- + more production time

»» PROCESS STABILITY

- + stable quality of the cooling lubricants
- + consistently high quality of the workpieces

»» REDUCED TOOL WEAR

- + exact tolerances
- + less after-treatment



Cooling lubricant is heavily loaded in the machine tool



Metallic chips and particles from machining

»» TURNING, DRILLING, CUTTING, SAWING ...

When chipping with geometrically determined cutting edges, large amounts of chips accumulate in the coolant.

»» Filter with high dirt holding capacity crucial

»» GRINDING, HONING, LAPPING ...

The chipping process with geometrically indetermined cutting edges produces large amounts of finest particles.

»» Filter with high filtration degree important

»» BACTERIA, YEASTS, FUNGI ...

In water-based fluids, harmful microbial growth can occur.

»» Retaining of biological impurities essential

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CJC® Cooling Lubricant Filter

cooling - lubricating - clean



Depth filter for water-based and oil-based fluids

»» DEPTH FILTER

- + high dirt holding capacity
- + finest abrasive particles and microbial impurities are retained in the depth of the filter material

»» RELIABLE CLEANLINESS

- + dirt retention consistently efficient
- + multiple prolonged service life of the cooling lubricant

»» NATURAL FIBRES

- + filter material from renewable raw material
- + improve CO₂-footprint

»» LOW-MAINTENANCE AND ROBUST

- + simple installation on all tank sizes
- + continuous operation, low maintenance expenditure

»» PROCESS INDEPENDENCY

- + installation in the off-line circuit
- + mechanical separated from the coolant circuit

»» PREDICTIVE MAINTENANCE

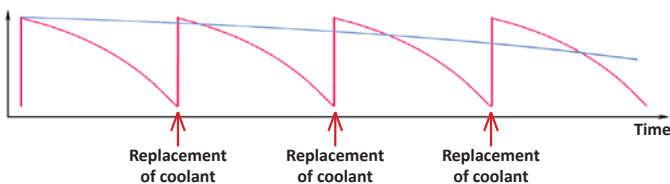
- + custom-specific sensors
- + quick and easy to retrofit

»» YOUR COMPETENCE

You are responsible for the fluid management and process stability in your company? We help to make your processes even more stable.

Process stability:

red: without CJC® Cooling Lubricant Filter, KRU-400
blue: with CJC® Cooling Lubricant Filter, KRU-400



Scan QR-Code and make a test filtration.

Or send an e-mail: kss@cjc.de



CJC® Cooling Lubricant Filter, KRU 400, for coolant treatment

»» YOUR PARTNER

Karberg & Hennemann GmbH & Co. KG: Since 1951 we develop and produce systems for oil and fluid care. Competent advice and individual solutions, even for the most challenging filtration tasks of our customers – that is our daily claim. The certification in our company according to DIN EN ISO 9001, provides us with assurance and motivation.

Even if water-based or oil-based fluids, even if central unit or single tool machine with small fluid volume:

We find the optimal solution for the cooling lubricant recovery – custom- and application-specified.



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