CJC™ Fine Filters

Solutions for removal of particles, water, acid and oil degradation products from oils and other fluids

- a must-have for your oil system!



80% of all breakdowns in oil systems are related to contamination of the oil



Your Challenge

80% of all breakdowns in oil systems are related to contamination of the oil - avoid expenses on repairs and oil changes

In-line filters do not keep the oil system clean

Contamination of an oil system leads to various problems which can result in machine downtime, frequent repairs of equipment and reduced oil lifetime. All of which means inefficient production and unnecessary expenses spent on repair and oil change.



Abrasion on gear



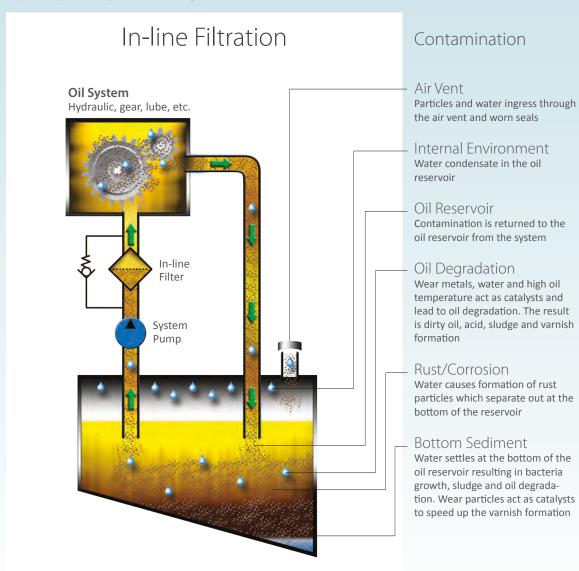
Pitting on bearing



Varnish on valve



Sludge in tank



The most common types of wear caused by contamination

"Sand blasting"

When particles are transported with the high oil flow, the particles collide with metal parts, destroying the metal surface and forming new particles.

Cavitation & pitting

Occurs in areas where water is present and oil is compressed; the water implodes, causing the metal surfaces to crackle and release more particles.

Abrasive wear

When clearance size particles are wedged between movable metal parts, they destroy the metal surface.



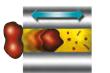
















Our Solution

Clean oil and guaranteed success through offline filtration - we offer highly qualified technical back-up

One Filter - 4 Solutions

CJCTM Filter Inserts have a 3 μ m absolute filtration ratio and will remove particles, water, acid and oil degradation products in one and the same operation. The CJCTM Filter Insert has a very large dirt holding capacity. The CJCTM products are almost maintenance free and have a very low cost of operation.



HDU 15/12



HDU 15/25 PV



HDU 27/27 P



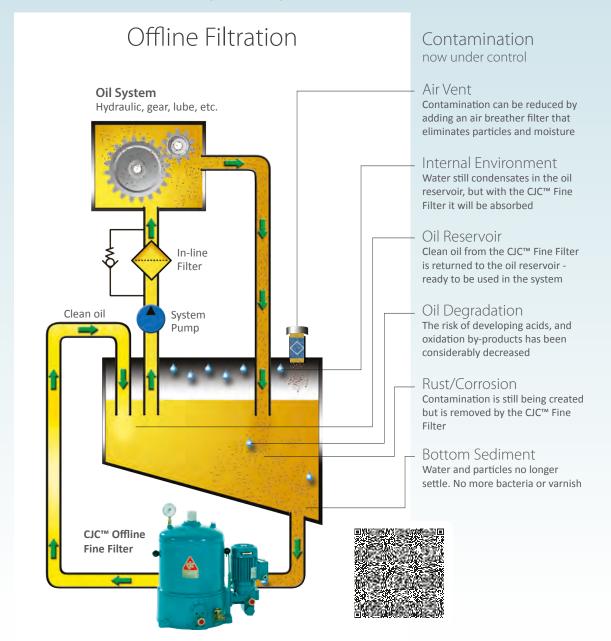
HDU 2x27/108 P



HDU 427/108 P



Marine Lube Oil Purifier



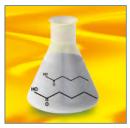
The most common types of contamination sources



Removal of Particles Particles down to 0.8 μm are retained in the filter mass



Absorption of Water The cellulose fibres in the filter mass absorb the water



Removal of Acid Special inserts neutralise acidic components in the fluid



Adsorption of Oxidation Sludge/varnish in the oil is attracted to the polar sites of the filter mass and is retained there

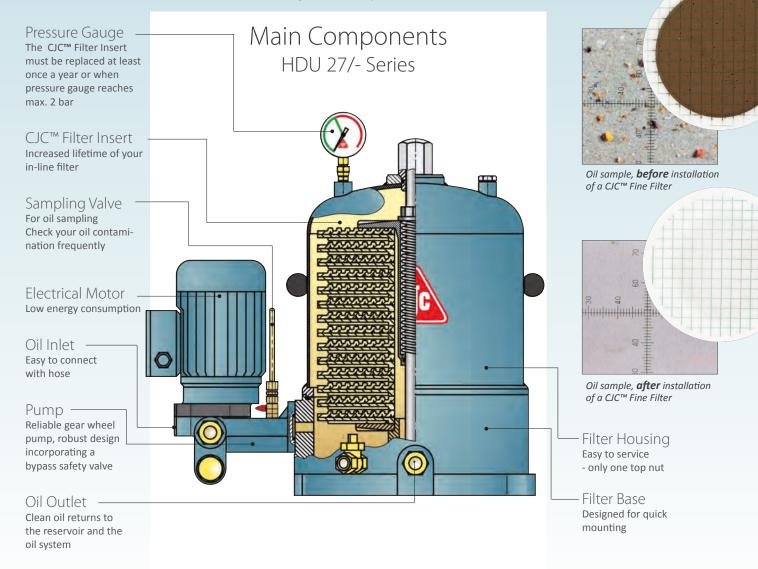
Our Product

CJC™ Fine Filters - simple, effective and low maintenance - will guarantee your success!

Key Features of the CJC™ Fine Filters

The CJC™ Fine Filters are offline depth filters for hydraulic and lubricating oils - to all sizes of oil systems.

Our product range covers solutions for systems containing from 2 litres to above 200,000 litres - ensuring clean oil and your success.





Dirty and clean CJC™ Filter Inserts









(27/54)



(27/81)







Insert 4x4x27/27 (427/108)

Your Benefits

Reduce your maintenance budget, fewer breakdowns, fewer oil changes - install a CJC™ Fine Filter!

The cleanliness level achieved and maintained by offline filtration means that the predicted lifetime of machine components and oil is expected to be extended 2-10 times! The benefits that you can achieve when implementing CJC™ Offline Fine Filters will have a positive effect on many parameters such as:

Financial Benefits

- Increased uptime
- Reduced maintenance budget
- Fewer unplanned breakdowns and stops of production
- Enhanced operational precision

Less Maintenance

- Increased equipment reliability
- Less wear and increased lifetime of components and oil
- · Longer lifetime of in-line filter



Lower Energy Consumption

- Lubricating capabilities remain intact
- Reduced friction

Environment Benefits

- Fewer oil changes
- Reduced top-up of oil
- Less waist oil less use of natural resources

-all advantages add to increased profit!

Satisfied Customers

WIND:

Mr. Jason de la Tova, Wind Turbine Specialist, Windward Energy, USA:



"Your filters are worth their weight in gold!"

MINING:

Mrs. Leanne MacAdams, Reliability Engineer, BHP Billiton Iron Ore, Australia:



"This project successfully reduced the contamination level in the crusher to below the target cleanliness level. This has significant impact on the life of the wear components in the crushers."

INDUSTRY:

Mr. Medir Lecha, Maintenance Chief, RUFFINI, S.A., Spain:

"After knowing C.C.JENSEN Filters and having installed them on our injection machines, we have got the suitable oil quality and reduction of yearly unplanned stops from 18 to 2 times."

MARINE:

Mr. Ivan Seistrup, Vice President, Maersk Supply Service, Denmark:



"Clean Oil is a Must!

The investment optimises performance, reduces the risk of errors and breakdowns, and saves maintenance costs!"

POWER:

Jørgen Brix Andersen, Studstrupværket, Elsam, Denmark:



"Oil analyses show, we have achieved cleaner oil, after we have installed CJC™ Filters on our 8 coal mills. The need for oil change is gone, and the risk of a breakdown in the bearings has been extremely reduced. An oil change cost €3,230 per gear."

C.C.JENSEN will back you up

- we have 60 years of experience!

C.C.JENSEN

- contact us today!





Manufacturing & headquarters

C.C.JENSEN A/S

Løvholmen 13 | DK - 5700 Svendborg | Denmark Tel. +45 6321 2014 | Fax: +45 6222 4615 sales@cjc.dk | www.cjc.dk

C.C.JENSEN subsidiaries and sales offices

Belgiun

C.C.JENSEN Belgium Tel.: +32 484 25 36 96 ccjensen.be@cjc.dk www.ccjensen.be

Benelux

C.C.JENSEN Benelux B.V. Tel.: +31 182 37 90 29 ccjensen.nl@cjc.dk www.ccjensen.nl

Chile

C.C.JENSEN S.L. Limitada Tel.: +56 2 739 2910 ccjensen.cl@cjc.dk www.ccjensen.cl

China

C.C.JENSEN Filtration Equipment (Tianjin) Co. Ltd. Tel: +86 10 6436 4838 ccjensen.cn@cjc.dk www.ccjensen.cn

Denmark

C.C.JENSEN Danmark Tel: +45 7228 2222 ccjensen.dk@cjc.dk www.cjc.dk

France

C.C.JENSEN France Tel: +33 3 59 56 16 58 ccjensen.fr@cjc.dk www.ccjensen.fr

Germany

KARBERG & HENNEMANN GmbH & Co. KG Tel: +49 (0)40 855 04 79 0 kontakt@cjc.de www.cjc.de

Greece

C.C.JENSEN Greece Ltd. Tel.: +30 210 42 81 260 ccjensen.gr@cjc.dk www.ccjensen.gr

India

C.C.JENSEN India Tel.: +91 4426241364 ccjensen.in@cjc.dk www.ccjensen.in

Ireland

C.C.JENSEN Ireland Tel.: +353 86 82 71 508 ccjensen.ie@cjc.dk www.ccjensen.ie

Ital

KARBERG & HENNEMANN srl Tel: +39 059 29 29 498 info@cjc.it www.cjc.it

Poland

C.C.JENSEN Polska Sp. z o.o. Tel.: +48 22 648 83 43 ccjensen@ccjensen.com.pl www.ccjensen.pl

Spair

C.C.JENSEN Ibérica, S. L. Tel.: +34 93 590 63 31 ccjensen.es@cjc.dk www.cjc.dk

Sweden

C.C.JENSEN AB Tel.: +46 8 755 4411 sales@ccjensen.se www.ccjensen.se

United Arab Emirates

C.C.JENSEN Middle East Tel.: +971 4 447 2886 ccjensen.uae@cjc.dk www.cjc.ae

United Kingdom

C.C.JENSEN Ltd. Tel.: +44 1 388 420 721 filtration@cjcuk.co.uk www.ccjensen.co.uk

USA

C.C.JENSEN Inc. Tel.: +1 770 692 6001 ccjensen@ccjensen.com www.ccjensen.com



Scan the QR code and find your nearest distributors at www.cjc.dk/contact

- or give us a call!

Your local C.C.JENSEN Distributor



Clean Oil - Bright Ideas