

How much is Poor Oil Quality Costing your Operation?

Is poor oil quality in your Shovel's hydraulics giving you any one of these Big C's?

Caution – Does your Oil Analysis make you *Cautionous*
Concern – Are you *Concerned* about Sky Rocketing Maintenance Costs

Catastrophe – Are you *Concerned* about Catastrophic failure of Critical Components

Well, IQ Oil Australia also deliver the Big C's

CleanOil Concepts
with solutions from



Installation of a CJC™ Fine Filtration system on your Digger will provide many benefits to your operation.

CJC™ Fine Filters offer removal of up to sub-micron particles using cellulose nano-fibres in the manufacture of the CJC™ Fine Filter Inserts. In addition to particles the CJC™ Insert will remove moisture and possibly more importantly in your Digger is the soft contaminants that lead to Varnish with no additional chemicals or absorbent media required.

CJC™ Inserts also offer a Dirt Holding Capacity (DHC) that is unrivalled by our competitors or imitators manufacturing similar products on the market today.



What does all this mean to your operation?

- One simple filter with 60 years of proven technology to solve 3 main Contamination issues
 - The promise to deliver you the Cleanest Oil possible at the Cheapest Overall Price
- Cleaner Oil means longer Oil & Component life, longer Service Intervals & less Unplanned Maintenance
 - Significant reductions in Maintenance Budgets
 - Machines running smoother under less load
 - Increased fuel economy
- Improvements to Operational Readiness & Production Time available from your fleet

The Bottom-line is the improvement in your operations Bottom-line.



How do we Deliver on Our Promises?

- 3x Improvement ISO Particle Count
- 3-5x Life Extension on Oil
- 2-3x Life Extension on Components
- MPC# <15 or Below Caution
- Reduction in Overtemp Alarms

The CJC™ Inserts:

Each CJC™ Fine Filter Insert is a cellulose fibre Depth Filtration insert which offers a minimum DHC of 4 KILOGRAMS but typically in this application we can that as much as doubled. That means depending on the size of your Digger you could have up to 64kg DHC on the solution tried and tested to perform in even the harshest environments.

- 3µm Absolute or 0.8µm Nominal
- 98.7% of ≥3µm particles held in a single pass
- 50% of 0.8-3µm particle held in a single pass
- Up to 50% of the total quoted DHC can also include free and dissolved water
- CJC™ Inserts are a Depth Filtration Media that perform as well in the field as the lab
- CJC™ unequalled DHC means that Total Cost of ownership is the cheapest on the market

For a comparison between CJC™ and the filters you're currently considering or using contact us today.

We can treat your Varnish issue without stopping your Machine:

Along with particles and moisture removal every standard CJC™ Fine Filter Insert can remove the Soft-Contaminants caused by oil degradation and that lead to Varnish. Anyone responsible for keeping a fleet of Diggers in operation has probably had experience with the troubles caused by Varnish even if they are unaware that Varnish is the problem.

Varnish sticks to the internal surfaces of the machines hydraulic system. Symptoms may include:

- Excessive wear as particles are caught in the Varnish
- Sticking valves
- Increased Running Temperatures
- Frequent Over Temp Alarms

What sets CJC™ apart from our competitors is that the CJC™ Fine Filter Insert removes the Soft-Contaminants before they become Varnish.

- Reduce oil Varnish Potential or **MPC# <15**
- Clean Oil washes previously deposited Varnish
- Improves Cooling efficiency
- Decreases operating temperatures
- Decreases the rate of thermal degradation of oil
- Extends oil life **x2** every **10°C** reduction in oil temp



We help to treat the Cause and then we reduce the Symptom that is Varnish.

For more information on how CJC™ treats Varnish on Mining Equipment please visit us on the web at: <https://iqoil.com.au/varnish-removal/>

