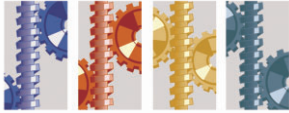




OIL FILTRATION SYSTEMS

CJC™ Application Study

Lubrication Oil - Cone Crusher



INDUSTRY

*Application Study
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CUSTOMER

Mine: Minera El Tesoro - Sierra Gorda - Antofagasta, Chile.

THE SYSTEM

Cone crusher H6000. Make: Svedala. Main lubrication system. Tank 250 L. Oil ISO VG 150.

THE PROBLEM

The new generation of Svedala equipment demands the highest oil cleanliness levels. The machinery is placed outside in a very dusty environment resulting in high contamination, especially with silicon particles.

THE SOLUTION

CJC™ FineFilter HDU 27/54 P
with a **CJC™ FilterInsert B 27/54**.
Dirt holding capacity:
8 litres each.
Filtering level: 3 micron abs.
Filter material: Cellulose.
Pump: 600 L/h.

THE RESULT

The test of the CJC™ FineFilter in crusher No 2 showed, after 6 hours of filtration an ISO cleanliness class 15/12/9. At the same time sampling was made after the filter to check the equipment efficiency in one pass and amazing code ISO 13/10/7 was seen.

Maintenance Manager Renato Salvo Ravioly was very satisfied with these results and has installed CJC oil Care Equipment on app. 20 other oil systems.



Crusher No 2 - Lubrication Tank. Minera El Tesoro, Chile.

THE RESULT

	2 micron	5 micron	15 micron	ISO
Before:	191,730	26,760	1,550	18/15/11
2 hours:	82,510	23,960	1,790	17/15/11
4 hours:	17,020	3,130	360	15/12/9
6 hours:	20,330	3,540	1,170	15/12/9
1 Pass:	4,550	850	340	13/10/7

COMMENTS

Maintenance Manager Renato Salvo Ravioly:

"Looking at the satisfying results and bearing in mind the firm support of the supplier, we highly recommend the purchase of these units to be used for crushing and piling lines (Racho) or where ever necessary". The supplier has clearly shown the benefits of installation of these filters. Their technology is used not only in the mining field, but in many other areas.

