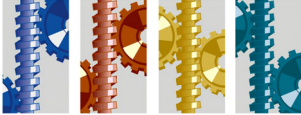




C.C.JENSEN

OIL FILTRATION SYSTEM



INDUSTRY

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CJC™ Application Study

Cone Crusher - Lubrication System

CUSTOMER

Mine: Minera El Tesoro - Sierra Gorda - Antofagasta (Chile)

THE SYSTEM

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

THE PROBLEM

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

THE SOLUTION

CJC™ Fine Filter, HDU 27/54 P.
Dirt holding capacity: 8 litres each.
Filtering level: 3 micron abs.
Filter material: Cellulose.
Pump: 600 l/h.

THE RESULT

The operation test of the CJC™ Fine Filter in crusher #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 further installed CJC oil Care Equipment on app. 20 other oil systems



Crusher #2 Lubrication Tank. Minera El Tesoro (Chile)

THE ANALYSIS

	2 micron	5 micron	15 micron	ISO
Before	191730	26760	1550	18/15/11
2 Hours	82510	23960	1790	17/15/11
4 Hours	17020	3130	360	15/12/9
6 Hours	20330	3540	1170	15/12/9
1 Pass	4550	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.

