



FILTER TECHNOLOGY

cleaner fluids mean better business

CASE STUDY

Industrial

Case No : 9 - 6 - 6

Gearboxes : Printing - Fairfax, Sydney NSW

Fairfax Sydney N.S.W

Filter Technology was approached by Fairfax Chullora after they had been informed of the results other Fairfax facilities had been achieving by installing kidney loop filtration system to the lubrication system of their MAN Rolland printing presses. The aim of installing additional filtration systems was to assist in achieving ISO 16/13 or better as this is ISO cleanliness level set by MAN Rolland on the oil running in their machines



As part of the service Filter Technology provides Fairfax, a complete on going oil analysis program has been implemented and we service all 46 print presses on a four monthly basis.

The oil analysis below on Press A8 indicates the oil was at ISO 20/16 before the filters were installed, the next sample taken at the first service indicates the oil at ISO 18/14 a reduction of 74% in particulate contamination. At the second service at 11,621 hours after installing FTA's system indicates a further reduction in particulate contamination to an ISO 15/12.

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Singleton NSW 2330
Phone: (02) 6571-1444
Facsimile: (02) 6571-4433
Web: www.oiltest.com.au



This Report No:

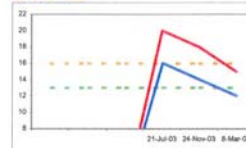
208,386			21-Jul-03	24-Nov-03	8-Mar-04
Date	-	-	196,765	203,211	208,386
Report No.	-	-	0hrs	0hrs	0hrs
Meter Reading	-	-	-	-	-
Oil Hrs	-	-	No	No	No
Oil Changed	-	-	No	No	No

Client: Filter Technology Australia Pty Ltd
Attention To: PHIL MARHEINE - 71 Racecourse Road, Rutherford
Machine: FAIRFAX2
Sample Location: A8
Oil Type: ALPHA 68
Fairfax Regional Printers Chullora

Particle Analysis

Limit	21-Jul-03	24-Nov-03	8-Mar-04
> 4 um Count	26089	6767	714
> 6 um Count	5523	1397	257
> 10 um Count	1239	249	86
> 14 um Count	448	93	39
> 21 um Count	50	21	13
> 25 um Count	22	8	8
> 38 um Count	4	1	2
> 70 um Count	2		1

ISO 4406 Trend



Comment

Results within acceptable limits. Continue with regular maintenance and monitoring.

Cleanliness Analysis
ISO-4406 6um \ 14um
Water Content ppm

Limit	21-Jul-03	24-Nov-03	8-Mar-04
16/13	-	-	-
104	20/16	18/14	15/12
500			

