

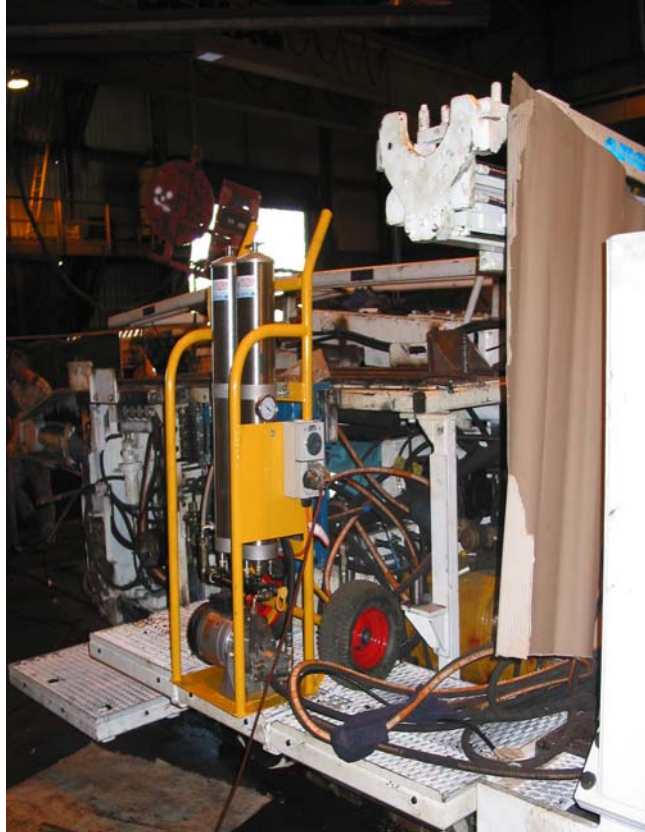
**Waratah Engineering**

This Newcastle based underground machinery supplier is keen to insure that when their equipment is delivered to their customers it arrives with the oil at acceptable ISO cleanliness levels.

All machines are test run before delivery, after the test run was completed Waratah Engineering hired Filter Technology's FM 502 filter buggy with the view to assist them in achieving the cleanliness levels required.

The oil analysis report below indicates the oil at ISO 21/17 after the miners test run, the buggy was connected and run and has reduced the oil to an ISO 14/11.

A reduction of 96% in particulate contamination.



4 Walter Street | PO Box 488  
 Singleton NSW 2330  
 Phone: (02) 6571-1444  
 Facsimile: (02) 6571-4433  
 Web: www.oiltest.com.au

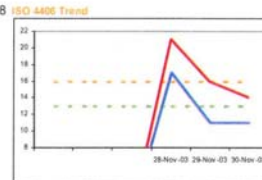


This Report No: 203,868

Date	28-Nov-03	29-Nov-03	30-Nov-03
Report No.	203,866	203,867	203,868
Meter Reading	0hrs	0hrs	8
Oil Hrs	-	1	8
Oil Changed	No	No	No

Client: Filter Technology Australia Pty Ltd  
 Attention To: PHILLIP MARHEINE - 71 Racecourse Road, Rutherford  
 Machine: WARENG  
 Sample Location: Waratah Engineering  
 Oil Type: Hydraulics  
 ISO 68

Particle Analysis	Limit	28-Nov-03	29-Nov-03	30-Nov-03
> 4 um Count		42374	3470	1395
> 6 um Count		13488	337	148
> 10 um Count		1968	41	29
> 14 um Count		659	13	13
> 21 um Count		123	2	4
> 25 um Count		46	1	2
> 38 um Count		5		
> 70 um Count		3		



Comment: After 8 hours filtration. Solid particle contamination has improved significantly.

Cleanliness Analysis	Limit	28-Nov-03	29-Nov-03	30-Nov-03
ISO-4406 6um \ 14um	16/13	+	+	+
Water Content ppm		21/17	16/11	14/11
		56	32	31

