



Mining Equipment Hydraulic Systems : Allied Plant Hire

Allied Plant Hire

Allied Plant as part of their ongoing maintenance are introducing Filter Technology's FM 504 filtration buggies into its workshops.

Allied understands the importance of its equipment to operate when needed and as part of that see oil cleanliness as a significant part of getting machine availability improvement within its fleet.

The oil analysis report below indicates the oil at ISO18/13, after cycling the oil from the Mules hydraulic system through the FM 504 the oils ISO is 13/11 after 24 hours.



A reduction of 96% in particulate contamination.

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Singleton NSW 2330
Phone: (02) 8571-1444
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This Report No: 280,532

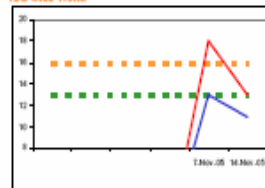
Date	-	-	-	-	7-Nov-05	14-Nov-06
Report No.	-	-	-	-	280,531	280,532
Water Reading	-	-	-	-	0hrs	0hrs
Oil Hrs	-	-	-	-	-	-
Oil Changed	-	-	-	-	No	No

Client: Filter Technology Australia Pty Ltd
Attention To: PHIL MARHONE - 71 Racecourse Road, Rutherford
Machine: ALLIED Allied Mine Services
Sample Location: Mule Hydraulics
Oil Type: HYDRAULIC OIL 68

Particle Analysis

Limit						
> 4 um Count					22835	267
> 6 um Count					1971	71
> 10 um Count					124	23
> 14 um Count					42	12
> 21 um Count					13	5
> 25 um Count					8	3
> 38 um Count					2	1
> 70 um Count					1	1

ISO 4406 Trend



Comment

Solid particulate contamination has improved significantly after filtration.

Cleanliness Analysis

Limit						
ISO-4406 Stan 1 14um	16/13	+	+	+	+	18/13 13/11
Water Content ppm	100					60 65

