

Taylor Condition Monitoring Ltd.

Oil Analysis Data Sheet

Contact: Liam Taylor

Tel: 0879971908



| | | | |
|-------|-----------------------------|-----------------|-------------------|
| Make: | Model: HYDRAULIC POWER PACK | Serial No: SPP2 | System: HYDRAULIC |
|-------|-----------------------------|-----------------|-------------------|

| | | | |
|------------------------|--------------------------------|----------------------|--------------------|
| Sample No: 3322665 | Job No.: Form No: W11437406 | Sampled: 04/08/09 | Received: 04/08/09 |
| Machine Hrs: Not Given | | Oil Hours: Not Given | Brand: NOT GIVEN |

Diagnosis

Wear appears satisfactory. No significant contamination. Advice: Monitor at the recommended sampling period.



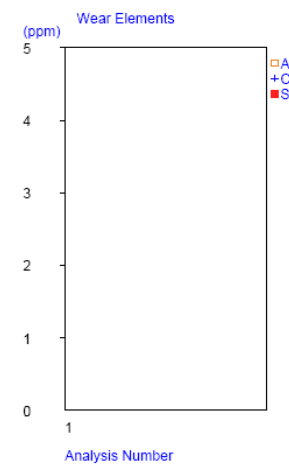
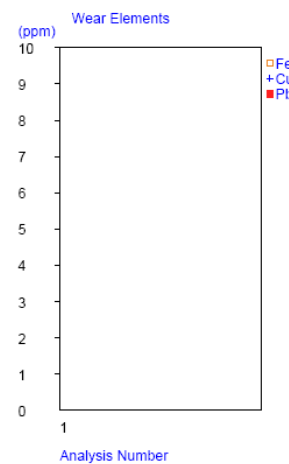
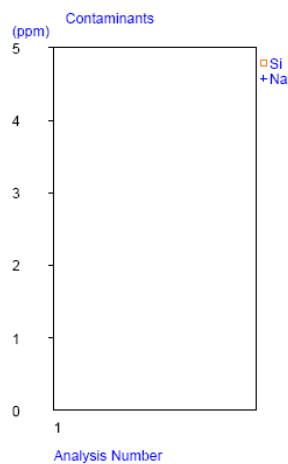
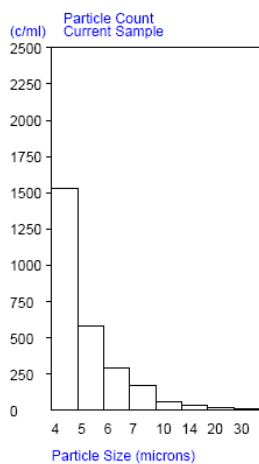
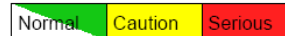
| An No. | Sample Date | Oil Condition | | | | | | | | | | | | Additive Elements ppm | | | | |
|--------|-------------|---------------|------------|-------------|-------|--------|------|------------|------|-----------|-----|----------------|----------|-----------------------|-----|----|-----|-----|
| | | Visc. 40°C | Appearance | Dispersancy | Water | Glycol | Fuel | Initial pH | TAN | Oxidation | TBN | Ferrous Debris | ISO | Ba | Ca | Mg | P | Zn |
| 1 | 04/08/09 | 46 | 10 | n/a | N | n/a | n/a | n/a | 0.80 | n/a | n/a | n/a | 18/15/12 | 1 | 115 | 2 | 444 | 663 |

| An No. | Sample Date | Elemental Analysis - Contamination & Wear Metals ppm | | | | | | | | | | | | | | | | Oil Chg | Oil Age |
|--------|-------------|--|----|-----|-----|-----|-----|----|----|----|-----|-----|----|-----|-----|-----|-----|---------|---------|
| | | B | Na | Si | Li | Al | Cr | Cu | Fe | Pb | Sn | Mo | Ni | Ti | Ag | Mn | V | | |
| 1 | 04/08/09 | 1 | 4 | < 1 | < 1 | < 1 | < 1 | 2 | 9 | 3 | < 1 | < 1 | 2 | < 1 | < 1 | < 1 | < 1 | | -1 |

ISO Cleanliness Code - counts/ml

| Size (microns) | 4 | 5 | 6 | 7 | 10 | 14 | 20 | 30 |
|----------------|------|-----|-----|-----|----|----|----|----|
| Counts Total | 1530 | 585 | 294 | 175 | 63 | 35 | 19 | 11 |
| Counts @ | 944 | 291 | 119 | 112 | 28 | 16 | 9 | 11 |

Key :



Taylor Condition Monitoring Ltd.

Oil Analysis Data Sheet

Contact: Liam Taylor

Tel: 0879971908



| | | | |
|------------------------|--------------------|--------------------------|--------------------|
| Make: | Model: VACUUM PUMP | Serial No : B20-VAC PUMP | System: GEARBOX |
| Sample No: 3322659 | Job No.: | Sampled: 29/07/09 | Received: 04/08/09 |
| Machine Hrs: Not Given | Form No: W11437413 | Oil Hours: Not Given | Brand: NOT GIVEN |

Diagnosis

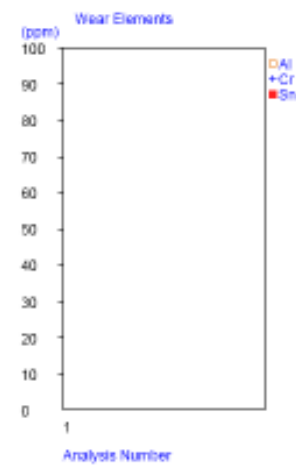
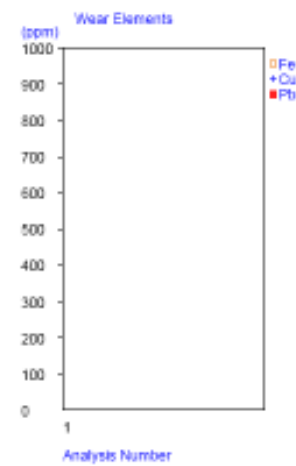
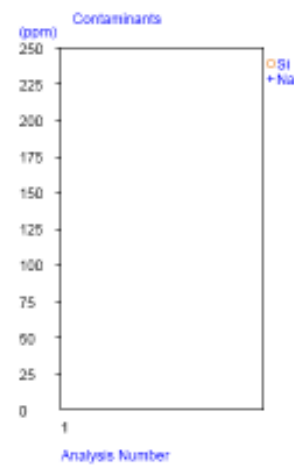
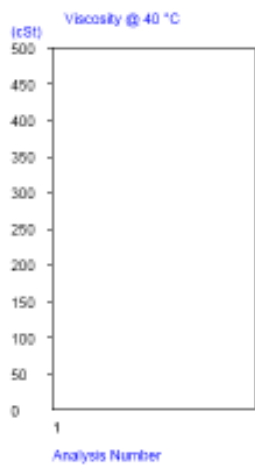
Abnormal wear evident. Visible debris present. Advice: Change oil if not changed when sampled.



| An No. | Sample Date | Oil Condition | | | | | | | | | | | | Additive Elements ppm | | | | |
|--------|-------------|---------------|------------|-------------|-------|--------|------|------------|-----|-----------|-----|----------------|-----|-----------------------|----|----|----|------|
| | | Visc. 40°C | Appearance | Dispersancy | Water | Glycol | Fuel | Initial pH | TAN | Oxidation | TBN | Ferrous Debris | ISO | Ba | Ca | Mg | P | Zn |
| 1 | 29/07/09 | 451 | 70 | n/a | 0.07 | n/a | n/a | n/a | n/a | n/a | n/a | 15 | n/a | 13 | 34 | 4 | 45 | 2833 |

| An No. | Sample Date | Elemental Analysis - Contamination & Wear Metals ppm | | | | | | | | | | | | | | | | Oil Chg | Oil Age |
|--------|-------------|--|-----|----|----|----|----|-----|-----|----|----|-----|----|-----|----|----|---|---------|---------|
| | | B | Na | Si | Li | Al | Cr | Cu | Fe | Pb | Sn | Mo | Ni | Ti | Ag | Mn | V | | |
| 1 | 29/07/09 | 16 | 244 | 16 | 2 | 77 | 1 | 140 | 750 | 64 | 12 | < 1 | 2 | < 1 | 1 | 3 | 2 | | -1 |

Key : Normal Caution Serious



Taylor Condition Monitoring Ltd.

Oil Analysis Data Sheet

Contact: Liam Taylor

Tel: 0879971908



| | | | |
|------------------------|-----------------------|------------------------|--------------------|
| Make: | Model: AIR COMPRESSOR | Serial No : 70-CP-721A | System: GEARBOX |
| Sample No: 3322679 | Job No.: | Sampled: 29/07/09 | Received: 04/08/09 |
| Machine Hrs: Not Given | Form No: W11437401 | Oil Hours: Not Given | Brand: NOT GIVEN |

Diagnosis

Wear appears satisfactory. Sample appears hazy. No significant contamination.
Advice: Monitor at the recommended sampling period.



| An No. | Sample Date | Oil Condition | | | | | | | | | | | | Additive Elements ppm | | | | |
|--------|-------------|---------------|------------|-------------|-------|--------|------|------------|-----|-----------|-----|----------------|-----|-----------------------|-----|----|----|----|
| | | Visc. 40°C | Appearance | Dispersancy | Water | Glycol | Fuel | Initial pH | TAN | Oxidation | TBN | Ferrous Debris | ISO | Ba | Ca | Mg | P | Zn |
| 1 | 29/07/09 | 66 | 30 | n/a | N | N | n/a | n/a | n/a | n/a | n/a | 10 | n/a | 43 | 624 | 3 | 65 | 4 |

| An No. | Sample Date | Elemental Analysis - Contamination & Wear Metals ppm | | | | | | | | | | | | | | | | Oil Chg | Oil Age | |
|--------|-------------|--|----|----|-----|-----|-----|-----|----|----|----|-----|----|-----|-----|-----|-----|---------|---------|----|
| | | B | Na | Si | Li | Al | Cr | Cu | Fe | Pb | Sn | Mo | Ni | Ti | Ag | Mn | V | | | |
| 1 | 29/07/09 | 4 | 4 | 2 | < 1 | < 1 | < 1 | < 1 | 1 | 3 | 1 | < 1 | 1 | < 1 | < 1 | < 1 | < 1 | | | -1 |

Key : Normal Caution Serious

