

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 118664-1216 - Splitter Box

Sample No: LH0270618

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-------------|
| Numéro d'échant. | LH0270618 | LH0257024 | LH0251654 | LH0247452 |
| Date d'échant. | 05 Jul 2023 | 12 Apr 2023 | 09 Feb 2023 | 13 Jan 2023 |
| Heures de la Machine | 10728 | 10117 | 9549 | 9244 |
| Heures de l'huile | 0 | 0 | 0 | 0 |
| Huile changée | Not Changed | Changed | Changed | Changed |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | NORMAL |

RAM IRON AND METAL

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ÉTAT D'HUILE

| | | | | | |
|-----------|-----|------|------|------|------|
| Visc 40°C | cSt | 69.4 | 73.4 | 66.8 | 70.8 |
|-----------|-----|------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|----|----|----|----|
| Silicium | ppm | 1 | 1 | 1 | <1 |
| Sodium | ppm | <1 | <1 | <1 | <1 |
| Potassium | ppm | <1 | 0 | 0 | <1 |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 10 | 6 | 8 | 7 |
| Cuivre | ppm | <1 | <1 | <1 | <1 |
| Plomb | ppm | 0 | 0 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | <1 | <1 |
| Chrome | ppm | <1 | 0 | 0 | 0 |
| Molybdène | ppm | <1 | <1 | 0 | <1 |
| Nickel | ppm | <1 | <1 | 0 | <1 |
| Titane | ppm | 0 | 0 | 0 | 0 |
| Argent | ppm | 7 | 0 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | 0 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|------|
| Calcium | ppm | 33 | 24 | 39 | 25 |
| Magnésium | ppm | 3 | 3 | 4 | 3 |
| Zinc | ppm | 138 | 109 | 114 | 92 |
| Phosphore | ppm | 1063 | 1116 | 1039 | 1072 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 228 | 236 | 220 | 236 |

Diagnostic

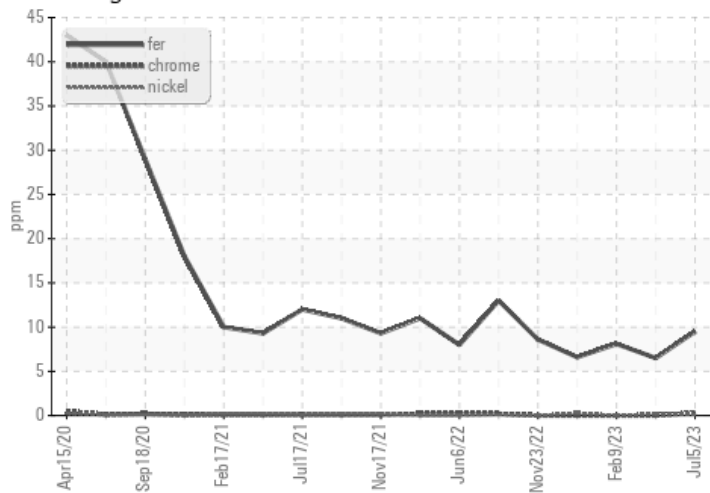
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RAMTOR
Unique No: 5607736
Signed: Kevin Marson
Report Date: 21 Jul 2023

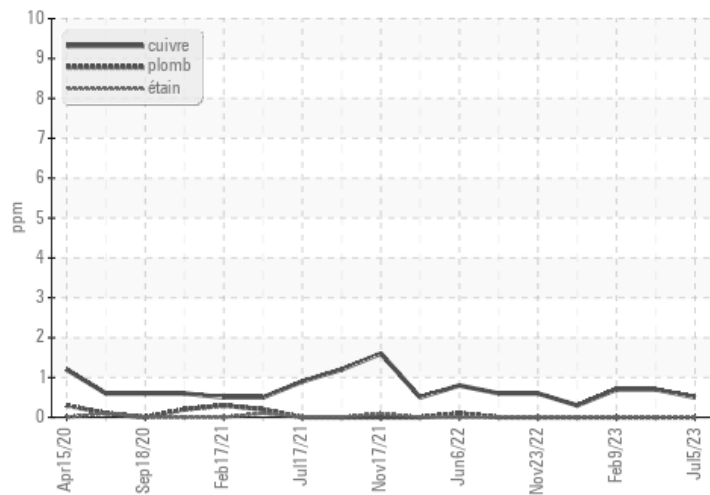


GRAPHS

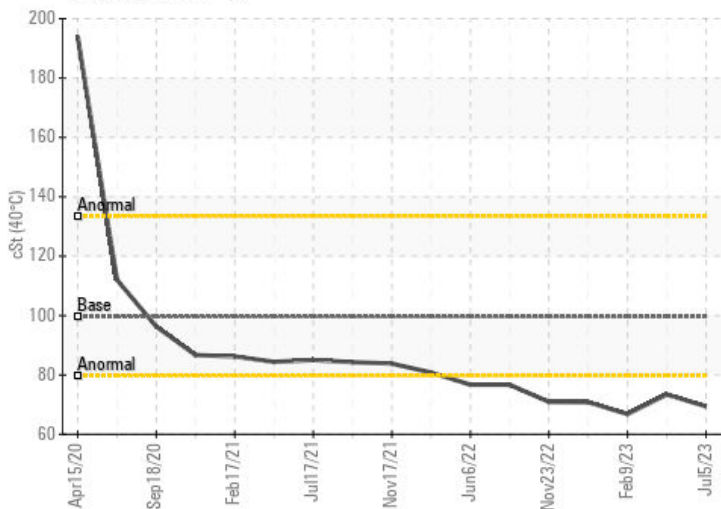
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

