

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 118664-1216 - Hydraulic System

Sample No: LH0270617

Oil Type: AW HYDRAULIC OIL ISO 32



RAM IRON AND METAL

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CA M3J 1Z5
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INFORMATION SUR L'ÉCHANTILLON

| Numéro d'échant. | LH0270617 | LH0257018 | LH0251451 | LH0247450 |
|----------------------|-------------|-------------|-------------|-------------|
| 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 | Changed | Not Changd | Changed | Not Changd |
| Statut de l'échant. | NORMAL | ABNORMAL | NORMAL | NORMAL |



ÉTAT D'HUILE

| Visc 40°C | cSt | 34.1 | 34.3 | 32.3 | 32.3 |
|-----------|-----|------|------|------|------|
| | | | | | |



CONTAMINATION

| Eau | % | --- | --- | 0.030 | --- |
|-------------------|-----|----------|----------|----------|----------|
| Particules >4µ | | 7404 | 42471 | 9546 | 3453 |
| Particules >6µ | | 1382 | 9004 | 2116 | 733 |
| Particules >14µ | | 50 | 189 | 56 | 27 |
| ISO 4406:1999 (c) | | 20/18/13 | 23/20/15 | 20/18/13 | 19/17/12 |
| Silicium | ppm | <1 | <1 | <1 | <1 |
| Sodium | ppm | <1 | <1 | 1 | <1 |
| Potassium | ppm | <1 | 0 | <1 | <1 |



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|----|----|
| Fer | ppm | 7 | 6 | 6 | 5 |
| Cuivre | ppm | <1 | <1 | 1 | <1 |
| Plomb | ppm | 0 | 0 | 0 | 0 |
| Étain | ppm | 0 | 0 | 0 | 0 |
| Aluminium | ppm | <1 | <1 | 0 | <1 |
| Chrome | ppm | 1 | 1 | 1 | <1 |
| Molybdène | ppm | <1 | <1 | <1 | <1 |
| Nickel | ppm | <1 | 0 | 0 | <1 |
| Titane | ppm | 0 | <1 | <1 | <1 |
| Argent | ppm | 0 | 0 | 0 | 0 |
| Manganèse | ppm | 0 | 0 | 0 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIFS

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Calcium | ppm | 85 | 87 | 77 | 72 |
| Magnésium | ppm | 6 | 6 | 6 | 6 |
| Zinc | ppm | 439 | 435 | 336 | 321 |
| Phosphore | ppm | 376 | 382 | 298 | 279 |
| Baryum | ppm | 0 | 0 | 0 | 0 |
| Bore | ppm | 2 | <1 | <1 | <1 |

Diagnostic

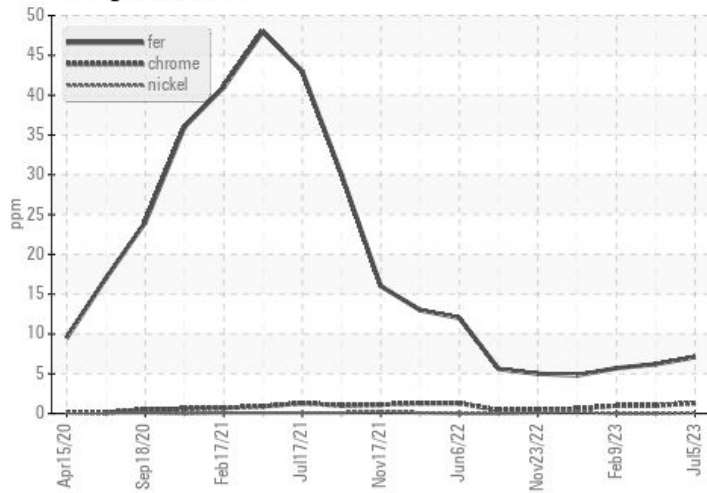
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: RAMTOR
Unique No: 5607795
Signed: Wes Davis
Report Date: 24 Jul 2023

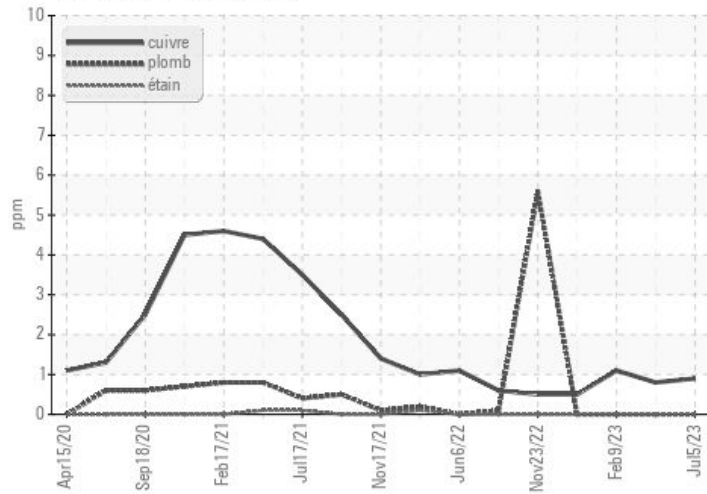


GRAPHS

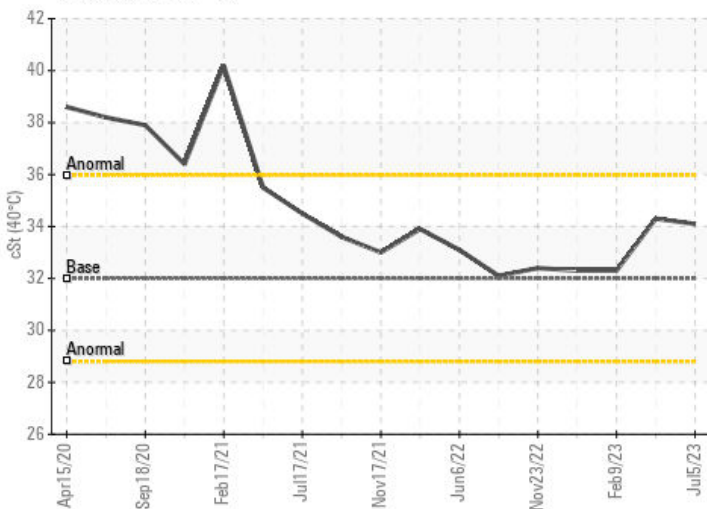
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

