

LIEBHERR

CONSTRUCTION EQUIPMENT



[(342783)] LIEBHERR LH50M 128861-1216 - Splitter Box

Sample No: LH0228169

Oil Type: IRVING HDH SAE 75W90



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | LH0228169 | LH0228121 | LH0199437 | LH0195958 |
| Sample Date | 31 Jul 2023 | 17 May 2023 | 20 Nov 2022 | 15 Mar 2022 |
| Machine Hours | 10323 | 9551 | 7300 | 4600 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | N/A | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

BeCar Inc.

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 85.8 | 81.3 | 88.3 | 84.8 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|----|----|
| Silicon | ppm | 3 | 5 | 4 | 4 |
| Sodium | ppm | <1 | <1 | 1 | <1 |
| Potassium | ppm | 2 | 2 | <1 | <1 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 13 | 19 | 14 | 11 |
| Copper | ppm | <1 | <1 | <1 | <1 |
| Lead | ppm | 0 | 0 | 0 | <1 |
| Tin | ppm | <1 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | 1 | <1 | <1 |
| Chromium | ppm | <1 | <1 | 0 | 0 |
| Molybdenum | ppm | 0 | <1 | 0 | <1 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titanium | ppm | 0 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | <1 | <1 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|-------------|------|------|-----|
| Calcium | ppm | 26 | 44 | 27 | 220 |
| Magnesium | ppm | 2 | 13 | <1 | 2 |
| Zinc | ppm | 50 | 77 | 29 | 101 |
| Phosphorus | ppm | 1027 | 1044 | 1019 | 713 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 139 | 131 | 131 | 63 |

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: BECLAT

Unique No: 5630621

Signed: Wes Davis

Report Date: 22 Aug 2023



GRAPHS

