

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Front Differential

Sample No: LH0261214

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



ARCELORMITTAL LONG PRODUITS CANADA
3185 ROUTE MARIE-VICTORIN
CONTRECOEUR, QC
CA J0L 1C0
Contact: Danny Drouin
danny.drouin@arcelormittal.com
T:
F:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | LH0261214 | LH0256422 | LH0242887 | LH0242983 |
| Sample Date | 01 Jul 2023 | 13 May 2023 | 12 Mar 2023 | 04 Jan 2023 |
| Machine Hours | 11397 | 10974 | 10316 | 9289 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 104 | 105 | 107 | 107 |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|----|----|----|
| Silicon | ppm | 3 | 4 | 2 | 2 |
| Sodium | ppm | <1 | <1 | <1 | <1 |
| Potassium | ppm | <1 | 0 | 0 | <1 |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|----|----|
| Iron | ppm | 3 | 2 | 2 | 1 |
| Copper | ppm | <1 | <1 | <1 | <1 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | 1 | 0 | <1 | 0 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | <1 | <1 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | 0 | 0 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|------|------|------|
| Calcium | ppm | 3 | 2 | 5 | 5 |
| Magnesium | ppm | <1 | 0 | 0 | 0 |
| Zinc | ppm | 6 | 5 | 11 | 10 |
| Phosphorus | ppm | 1500 | 1539 | 1490 | 1491 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 289 | 279 | 290 | 307 |

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: MITCON
Unique No: 5606517
Signed: Wes Davis
Report Date: 12 Jul 2023



GRAPHS

