

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Rear Left Wheel Hub

Sample No: LH0280272

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



ARCELORMITTAL LONG PRODUITS CANADA
3185 ROUTE MARIE-VICTORIN
CONTRECOEUR, QC
CA J0L 1C0
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SAMPLE INFORMATION

| Sample Number | LH0280272 | LH0269982 | LH0261218 | LH0256426 |
|---------------|-------------|-------------|-------------|-------------|
| Sample Date | 02 Dec 2023 | 27 Sep 2023 | 01 Jul 2023 | 13 May 2023 |
| Machine Hours | 12550 | 11869 | 11397 | 10974 |
| 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 | 104 | 104 | 105 |
|-------------|-----|-----|-----|-----|-----|
| | | | | | |



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | 3 | 4 | 4 | 3 |
| Sodium | ppm | 4 | 5 | 3 | <1 |
| Potassium | ppm | 0 | <1 | 1 | 0 |



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|----|
| Iron | ppm | 26 | 24 | 19 | 5 |
| Copper | ppm | 3 | 3 | 2 | <1 |
| Lead | ppm | <1 | <1 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | 0 |
| Chromium | ppm | 0 | 0 | <1 | 0 |
| Molybdenum | ppm | 0 | 0 | <1 | 0 |
| Nickel | ppm | <1 | <1 | <1 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | <1 | <1 | 0 | 0 |
| Manganese | ppm | <1 | <1 | <1 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 8 | 8 | 7 | 2 |
| Magnesium | ppm | 1 | 1 | 2 | 0 |
| Zinc | ppm | 13 | 14 | 12 | 6 |
| Phosphorus | ppm | 1390 | 1421 | 1478 | 1518 |
| Barium | ppm | <1 | <1 | 0 | 0 |
| Boron | ppm | 251 | 239 | 259 | 274 |

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: 5694732
Signed: Wes Davis
Report Date: 07 Dec 2023



GRAPHS

