

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 112212-1217 - Rear Left Wheel Hub

Sample No: LH0279442

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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

| | | | | |
|---------------|-------------|-------------|-------------|-------------|
| Sample Number | LH0279442 | LH0269836 | LH0238755 | LH0235189 |
| Sample Date | 05 Nov 2023 | 26 Aug 2023 | 19 Apr 2023 | 13 Jan 2023 |
| Machine Hours | 10681 | 10300 | 9262 | 8735 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 106 | 104 | 106 | 107 |
|-------------|-----|-----|-----|-----|-----|



CONTAMINATION

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



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|----|
| Iron | ppm | 6 | 7 | 7 | 6 |
| Copper | ppm | 2 | 3 | 3 | 2 |
| Lead | ppm | 0 | 0 | 0 | <1 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | <1 | <1 | 0 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | 0 | <1 | 0 | <1 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | <1 | 0 | 0 | 0 |
| Manganese | ppm | 0 | 0 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|------|
| Calcium | ppm | 8 | 3 | 6 | 7 |
| Magnesium | ppm | <1 | <1 | 0 | 0 |
| Zinc | ppm | 7 | 7 | 12 | 12 |
| Phosphorus | ppm | 1329 | 1431 | 1497 | 1514 |
| Barium | ppm | <1 | 0 | 0 | 0 |
| Boron | ppm | 283 | 278 | 288 | 293 |

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: 5672494
Signed: Wes Davis
Report Date: 09 Nov 2023



GRAPHS

