

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 152152-1216 - Splitter Box

Sample No: LH0277267

Oil Type: GEAR OIL SAE 80W90



SCIERIE DION & FILS INC

147 RUE ST-ALEXIS

ST.RAYMOND, QC

CA G3L 1S1

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SAMPLE INFORMATION

| Sample Number | LH0277267 | LH0271471 | LH0271498 | --- |
|---------------|-------------|-------------|-------------|-----|
| Sample Date | 22 Nov 2023 | 04 Oct 2023 | 11 Sep 2023 | --- |
| Machine Hours | 1804 | 1021 | 630 | --- |
| Oil Hours | 0 | 0 | 0 | --- |
| Oil Changed | Changed | Changed | Changed | --- |
| Sample Status | NORMAL | NORMAL | NORMAL | --- |



OIL CONDITION

| Visc @ 40°C | cSt | 194 | 194 | 192 | --- |
|-------------|-----|-----|-----|-----|-----|
| | | | | | |



CONTAMINATION

| Water | % | NEG | NEG | NEG | --- |
|-----------|-----|-----|-----|-----|-----|
| Silicon | ppm | 1 | <1 | 1 | --- |
| Sodium | ppm | 2 | 2 | 3 | --- |
| Potassium | ppm | 0 | <1 | 1 | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|----|----|-----|
| Iron | ppm | 12 | 14 | 30 | --- |
| Copper | ppm | <1 | <1 | <1 | --- |
| Lead | ppm | 0 | <1 | 0 | --- |
| Tin | ppm | 0 | 0 | 0 | --- |
| Aluminum | ppm | 0 | <1 | <1 | --- |
| Chromium | ppm | 0 | 0 | 0 | --- |
| Molybdenum | ppm | 0 | 0 | 0 | --- |
| Nickel | ppm | <1 | <1 | <1 | --- |
| Titanium | ppm | 0 | 0 | 0 | --- |
| Silver | ppm | <1 | <1 | 0 | --- |
| Manganese | ppm | 0 | <1 | 3 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|------|-----|
| Calcium | ppm | 6 | 8 | 13 | --- |
| Magnesium | ppm | <1 | <1 | 2 | --- |
| Zinc | ppm | 13 | 12 | 15 | --- |
| Phosphorus | ppm | 2055 | 2006 | 1761 | --- |
| Barium | ppm | <1 | <1 | 0 | --- |
| Boron | ppm | <1 | 1 | 1 | --- |

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: SCISTR

Unique No: 5684394

Signed: Wes Davis

Report Date: 28 Nov 2023



GRAPHS

