

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 152152-1216 - Rear Differential

Sample No: LH0271497

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 | LH0271497 | --- | --- | --- |
| Sample Date | 11 Sep 2023 | --- | --- | --- |
| Machine Hours | 630 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 148 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ● 19 | --- | --- | --- |
| Sodium | ppm | ● 3 | --- | --- | --- |
| Potassium | ppm | ● 1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| PQ | | ● 0 | --- | --- | --- |
| Iron | ppm | ● 270 | --- | --- | --- |
| Copper | ppm | ● 22 | --- | --- | --- |
| Lead | ppm | ● <1 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● 2 | --- | --- | --- |
| Chromium | ppm | ● 2 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | ● 0 | --- | --- | --- |
| Silver | ppm | ● 0 | --- | --- | --- |
| Manganese | ppm | ● 3 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 28 | --- | --- | --- |
| Magnesium | ppm | ● <1 | --- | --- | --- |
| Zinc | ppm | ● 19 | --- | --- | --- |
| Phosphorus | ppm | ● 1435 | --- | --- | --- |
| Barium | ppm | ● <1 | --- | --- | --- |
| Boron | ppm | ● 7 | --- | --- | --- |

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. 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: 5645546
Signed: Bill Quesnel
Report Date: 25 Sep 2023



GRAPHS

