

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A924 018457-957 - Front Differential

Sample No: LH0274296

Oil Type: { unknown }



SM TRANSPORT ET FILS INC.
 20 20EME AVENUE
 ST-COME, QC
 CA J0K 2B0
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0274296 | --- | --- | --- |
| Sample Date | 05 Oct 2023 | --- | --- | --- |
| Machine Hours | 45662 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 138 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------|-----|-----|-----|
| Silicon | ppm | ● 30 | --- | --- | --- |
| Sodium | ppm | ● 13 | --- | --- | --- |
| Potassium | ppm | ● 1839 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ● 182 | --- | --- | --- |
| Copper | ppm | ● 4 | --- | --- | --- |
| Lead | ppm | ● <1 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● 8 | --- | --- | --- |
| Chromium | ppm | ● <1 | --- | --- | --- |
| Molybdenum | ppm | 70 | --- | --- | --- |
| Nickel | ppm | ● 0 | --- | --- | --- |
| Titanium | ppm | 2 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 58 | --- | --- | --- |
| Magnesium | ppm | 1 | --- | --- | --- |
| Zinc | ppm | 8 | --- | --- | --- |
| Phosphorus | ppm | 437 | --- | --- | --- |
| Barium | ppm | <1 | --- | --- | --- |
| Boron | ppm | 1697 | --- | --- | --- |

Diagnosis

Nous vous recommandons de vérifier la présence de particules métalliques visibles dans l'huile. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Présence d'une concentration moyenne de métal visible. Usure des engrenages. Il n'y a aucun indice de contamination dans l'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: SMTSTC
Unique No: 5657434
Signed: Kevin Marson
Report Date: 12 Oct 2023



GRAPHS

