

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 146092-1253 - Front Right Wheel Hub

Sample No: LH0257232

Oil Type: LIEBHERR GEAR BASIC 90 LS



9341-2906 QUEBEC INC. - Forestiers JRM Inc
491 ROUTE 381
Ferland-et-Boilleau, QC
CA G0V 1H0
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0257232 | --- | --- | --- |
| Sample Date | 24 Jul 2023 | --- | --- | --- |
| Machine Hours | 950 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 63.6 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Silicon | ppm | 6 | --- | --- | --- |
| Sodium | ppm | 22 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 42 | --- | --- | --- |
| Copper | ppm | 24 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 1 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 3538 | --- | --- | --- |
| Magnesium | ppm | 10 | --- | --- | --- |
| Zinc | ppm | 1416 | --- | --- | --- |
| Phosphorus | ppm | 1232 | --- | --- | --- |
| Barium | ppm | <1 | --- | --- | --- |
| Boron | ppm | 100 | --- | --- | --- |

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Depot: FOR491FER
Unique No: 5617790
Signed: Kevin Marson
Report Date: 28 Jul 2023



GRAPHS

