

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 49354 - Diesel Engine

Sample No: LH0215529

Oil Type: DIESEL ENGINE OIL SAE 40



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0215529 | --- | --- | --- |
| Sample Date | 18 Nov 2021 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

LIEBHERR CANADA LTEE
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OIL CONDITION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Visc @ 100°C | cSt | 12.7 | --- | --- | --- |
| Oxidation (PA) | % | 64 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | 0.6 | --- | --- | --- |
| Nitration (PA) | % | 89 | --- | --- | --- |
| Sulfation (PA) | % | 56 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | 7 | --- | --- | --- |
| Sodium | ppm | 2 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |

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 indiquent que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. 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.



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 43 | --- | --- | --- |
| Copper | ppm | 3 | --- | --- | --- |
| Lead | ppm | 4 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 7 | --- | --- | --- |
| Chromium | ppm | 1 | --- | --- | --- |
| Molybdenum | ppm | 60 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1047 | --- | --- | --- |
| Magnesium | ppm | 1012 | --- | --- | --- |
| Zinc | ppm | 1226 | --- | --- | --- |
| Phosphorus | ppm | 1070 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 2 | --- | --- | --- |

Depot: LIESTL
Unique No: 5316886
Signed: Wes Davis
Report Date: 19 Nov 2021



GRAPHS

