

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 066526-1826 - Diesel Engine

Sample No: LH0238264

Oil Type: PETRO CANADA DURON UHP 5W30



INFORMATION SUR L'ÉCHANTILLON

| | | | | |
|----------------------|-------------|-------------|-------------|-----|
| Numéro d'échant. | LH0238264 | LH | LH0238245 | --- |
| Date d'échant. | 03 Mar 2024 | 21 Sep 2023 | 21 Jan 2023 | --- |
| Heures de la Machine | 2500 | 2000 | 1000 | --- |
| Heures de l'huile | 0 | 0 | 0 | --- |
| Huile changée | N/A | Changed | N/A | --- |
| Statut de l'échant. | NORMAL | NORMAL | NORMAL | --- |

INDUSTRIES TLT
144 RUE LAROUCHE
SAINTE MONIQUE, QC
CA G0W 2T0
Contact: Service Manager



ÉTAT D'HUILE

| | | | | | |
|----------------|-----|------|------|------|-----|
| Visc 100°C | cSt | 11.8 | 11.6 | 11.7 | --- |
| Oxydation (PA) | % | 91 | 84 | 205 | --- |

T:
F:



CONTAMINATION

| | | | | | |
|------------------|-----|------|------|-----|-----|
| Eau | % | NEG | NEG | NEG | --- |
| % de suie | % | 0 | 0 | 0 | --- |
| Nitration (PA) | % | 83 | 83 | 101 | --- |
| Sulfatation (PA) | % | 61 | 60 | 110 | --- |
| Glycol | % | NEG | 0.0 | NEG | --- |
| Essence | % | <1.0 | <1.0 | 0.7 | --- |
| Silicium | ppm | 7 | 8 | 10 | --- |
| Sodium | ppm | 4 | 5 | 3 | --- |
| Potassium | ppm | 4 | 7 | 4 | --- |

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

| | | | | | |
|-----------|-----|----|----|-----|-----|
| Fer | ppm | 6 | 6 | 16 | --- |
| Cuivre | ppm | 4 | 9 | 198 | --- |
| Plomb | ppm | <1 | <1 | 10 | --- |
| Étain | ppm | <1 | <1 | 2 | --- |
| Aluminium | ppm | 2 | 1 | 3 | --- |
| Chrome | ppm | <1 | <1 | <1 | --- |
| Molybdène | ppm | 57 | 63 | 47 | --- |
| Nickel | ppm | <1 | 0 | <1 | --- |
| Titane | ppm | 0 | 0 | <1 | --- |
| Argent | ppm | 0 | <1 | 0 | --- |
| Manganèse | ppm | 0 | 0 | 1 | --- |
| Vanadium | ppm | 0 | 0 | 0 | --- |



ADDITIFS

| | | | | | |
|-----------|-----|------|------|------|-----|
| Calcium | ppm | 840 | 831 | 1315 | --- |
| Magnésium | ppm | 1109 | 1109 | 950 | --- |
| Zinc | ppm | 1200 | 1185 | 874 | --- |
| Phosphore | ppm | 1030 | 970 | 761 | --- |
| Baryum | ppm | <1 | 2 | 46 | --- |
| Bore | ppm | 26 | 21 | 60 | --- |

Depot: IND144SAI
Unique No: 5736888
Signed: Wes Davis
Report Date: 04 Mar 2024



GRAPHS

