# CONSTRUCTION EQUIPMENT

# 113718-1216 - Pump Drive

Sample No: LH0279414

Oil Type:

| SAMPLE INFORMATION |             |  |  |  |  |  |
|--------------------|-------------|--|--|--|--|--|
| Sample Number      | LH0279414   |  |  |  |  |  |
| Sample Date        | 17 Jan 2024 |  |  |  |  |  |
| Machine Hours      | 9629        |  |  |  |  |  |
| Oil Hours          | 0           |  |  |  |  |  |
| Oil Changed        | Not Changd  |  |  |  |  |  |
| Sample Status      | NORMAL      |  |  |  |  |  |
|                    |             |  |  |  |  |  |

CHEVRON DELO SYNTHETIC GEAR 75W90

**OIL CONDITION** 

Visc @ 40°C

# cSt **0 80.1**

| Water     | %   | NEG         |  |  |  |  |
|-----------|-----|-------------|--|--|--|--|
| Silicon   | ppm | 0 5         |  |  |  |  |
| Sodium    | ppm | <b>○</b> <1 |  |  |  |  |
| Potassium | ppm | 0 2         |  |  |  |  |

| Ä          |                 |             |      |  |
|------------|-----------------|-------------|------|--|
| WEA        | <b>R METALS</b> |             |      |  |
| Iron       | ppm             | <b>3</b>    | <br> |  |
| Copper     | ppm             | <b>○</b> <1 | <br> |  |
| Lead       | ppm             | 0           | <br> |  |
| Tin        | ppm             | 0           | <br> |  |
| Aluminum   | ppm             | <b>3</b>    | <br> |  |
| Chromium   | ppm             | 0           | <br> |  |
| Molybdenum | ppm             | 45          | <br> |  |
| Nickel     | ppm             | 0 <1        | <br> |  |
| Titanium   | ppm             | 0           | <br> |  |
| Silver     | ppm             | 0           | <br> |  |
| Manganese  | ppm             | 0           | <br> |  |
| Vanadium   | ppm             | 0           | <br> |  |

ADDITIVES

|            | _   |               |      |  |
|------------|-----|---------------|------|--|
| Calcium    | ppm | 1049          | <br> |  |
| Magnesium  | ppm | 862           | <br> |  |
| Zinc       | ppm | 1173          | <br> |  |
| Phosphorus | ppm | <b>0</b> 1054 | <br> |  |
| Barium     | ppm | 0             | <br> |  |
| Boron      | ppm | <b>0 100</b>  | <br> |  |



### American Iron and Metal 2555 Sheffield Road Ottawa, ON CA K1B 3V6 Contact: Dan Dupelle

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## Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

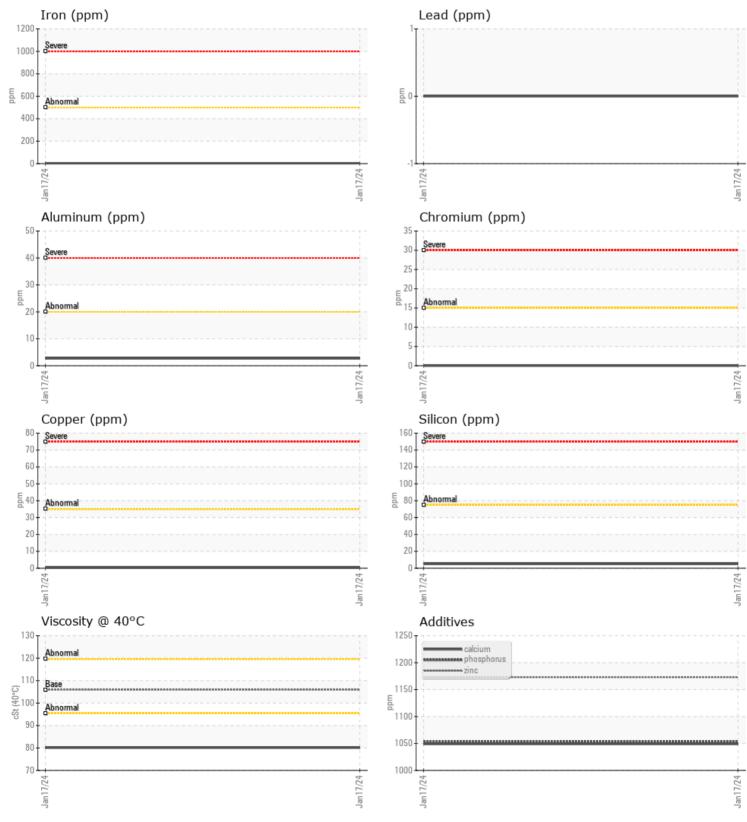
Depot:BAKOTTUnique No:5710820Signed:Kevin MarsonReport Date:18 Jan 2024





GRAPHS

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Contact/Location: Dan Dupelle - BAKOTT