



CONSTRUCTION EQUIPMENT

8000395885 NEW HOLLAND L230 432337 - DIESEL ENGINE



Sample No: VCP430125
Oil Type: NEW HOLLAND 10W30
Job No: 8000395885



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP430125 | --- | --- | --- |
| Sample Date | 22 Feb 2024 | --- | --- | --- |
| Machine Hours | 6010 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
RED DEER COUNTY, AB
CA T4S 2L4
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OIL CONDITION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Visc @ 100°C | cSt | 14.6 | --- | --- | --- |
| Oxidation (PA) | % | 70 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | 0 | --- | --- | --- |
| Nitration (PA) | % | 73 | --- | --- | --- |
| Sulfation (PA) | % | 52 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | 4 | --- | --- | --- |
| Sodium | ppm | 1 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. The fluid was specified as NEW HOLLAND 10W30, however, a fluid match indicates that this fluid is SAE 40 Diesel Engine Oil. Please confirm the oil type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 6 | --- | --- | --- |
| Copper | ppm | 2 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 57 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1047 | --- | --- | --- |
| Magnesium | ppm | 933 | --- | --- | --- |
| Zinc | ppm | 1140 | --- | --- | --- |
| Phosphorus | ppm | 977 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 3 | --- | --- | --- |

Depot: VOLVO9652
Unique No: 5735370
Signed: Kevin Marson
Report Date: 27 Feb 2024

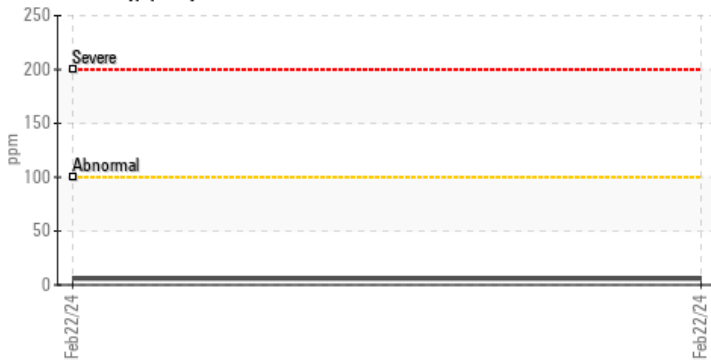


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GRAPHS

Iron (ppm)



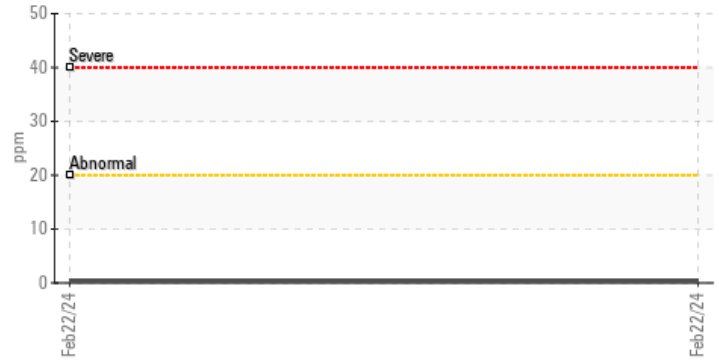
Lead (ppm)



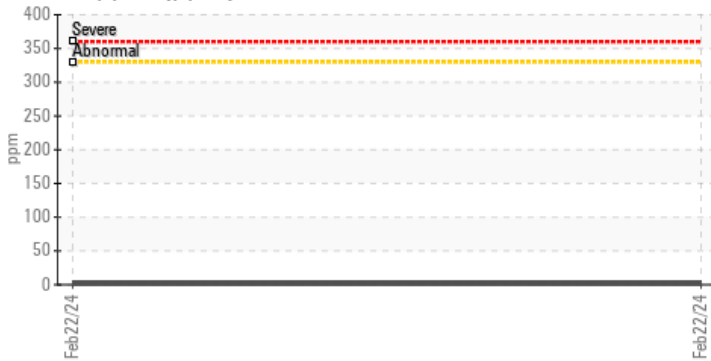
Aluminum (ppm)



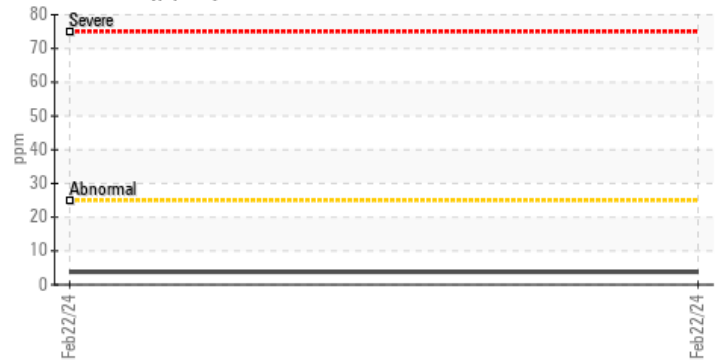
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Soot %

