



CONSTRUCTION EQUIPMENT

TRUMLEYS AUTOMOTIVE NISSAN 2016 NISSAN TITAN XD PRO - GASOLINE ENGINE



Sample No: VCE06233141
Oil Type: DIESEL ENGINE OIL SAE 30
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCE06233141 | --- | --- | --- |
| Sample Date | 09 Jul 2024 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

VCE INCORPORATED

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 F:



OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 100°C | cSt | █ 11.3 | --- | --- | --- |
| Base Number (BN) | mg KOH/g | █ 7.2 | --- | --- | --- |
| Oxidation (PA) | % | 13 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm.
 All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

| | | | | | |
|----------------|-----|-------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | █ 0.2 | --- | --- | --- |
| Nitration (PA) | % | 8 | --- | --- | --- |
| Sulfation (PA) | % | 11 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | █ 13 | --- | --- | --- |
| Sodium | ppm | █ 3 | --- | --- | --- |
| Potassium | ppm | █ 8 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | █ 117 | --- | --- | --- |
| Copper | ppm | █ 16 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 4 | --- | --- | --- |
| Aluminum | ppm | █ 25 | --- | --- | --- |
| Chromium | ppm | █ 2 | --- | --- | --- |
| Molybdenum | ppm | █ 34 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | █ <1 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 2240 | --- | --- | --- |
| Magnesium | ppm | █ 118 | --- | --- | --- |
| Zinc | ppm | █ 1036 | --- | --- | --- |
| Phosphorus | ppm | █ 928 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 10 | --- | --- | --- |

Depot: VCENAS
Unique No: 11116634
Signed: Wes Davis
Report Date: 12 Jul 2024

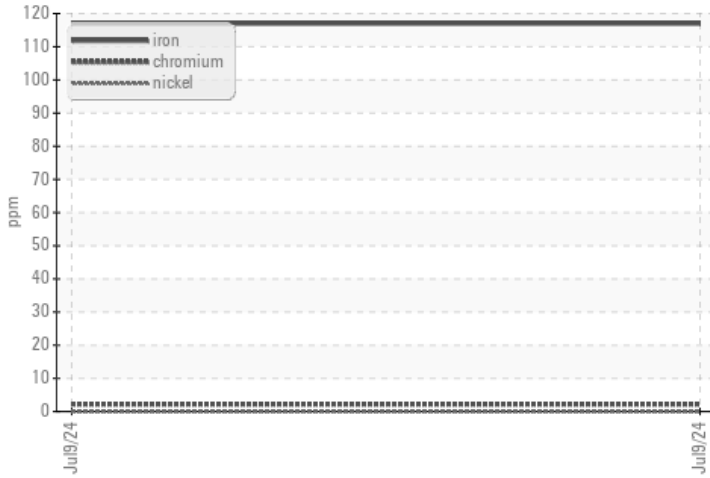


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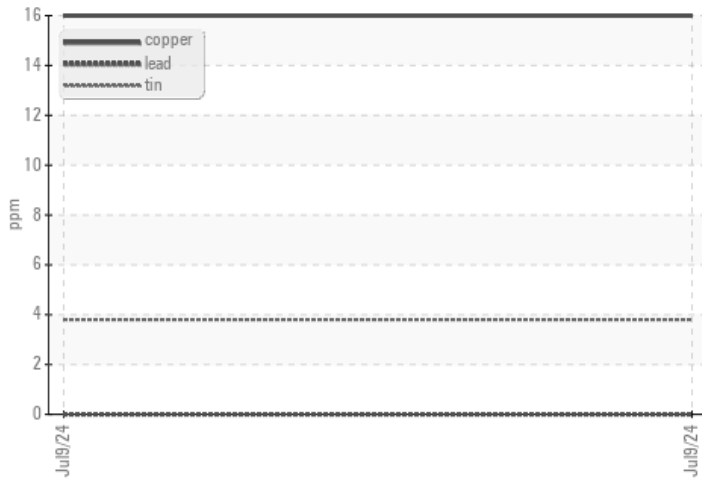


GRAPHS

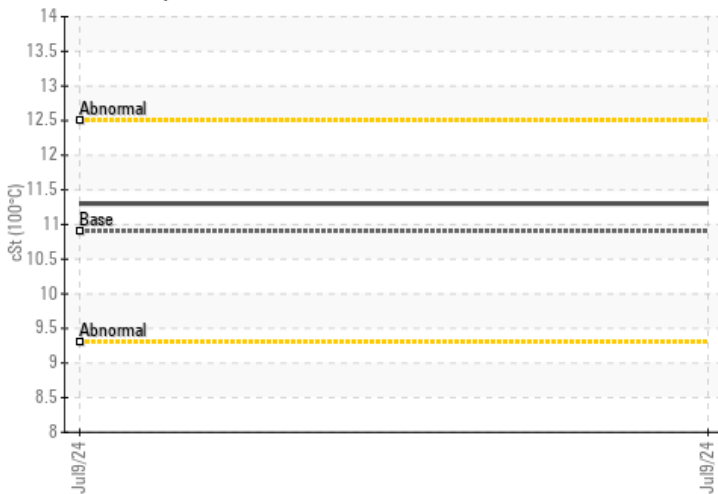
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

