



CONSTRUCTION EQUIPMENT

SPM716708 WASTE MGMT VOLVO L150H 633423 - HYDRAULIC SYSTEM



Sample No: VCP439875
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SPM716708 WASTE MGMT



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP439875 | --- | --- | --- |
| Sample Date | 21 May 2024 | --- | --- | --- |
| Machine Hours | 1956 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 42.7 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.31 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Particles >4µm | | █ 3692 | --- | --- | --- |
| Particles >6µm | | █ 764 | --- | --- | --- |
| Particles >14µm | | █ 57 | --- | --- | --- |
| ISO 4406:1999 (c) | | 19/17/13 | --- | --- | --- |
| Silicon | ppm | █ 0 | --- | --- | --- |
| Sodium | ppm | █ 2 | --- | --- | --- |
| Potassium | ppm | █ 0 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | █ 0 | --- | --- | --- |
| Copper | ppm | █ 1 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 0 | --- | --- | --- |
| Chromium | ppm | █ 1 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | █ 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 65 | --- | --- | --- |
| Magnesium | ppm | █ <1 | --- | --- | --- |
| Zinc | ppm | █ 422 | --- | --- | --- |
| Phosphorus | ppm | █ 332 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Depot: VOLVO8885
Unique No: 11059692
Signed: Wes Davis
Report Date: 04 Jun 2024

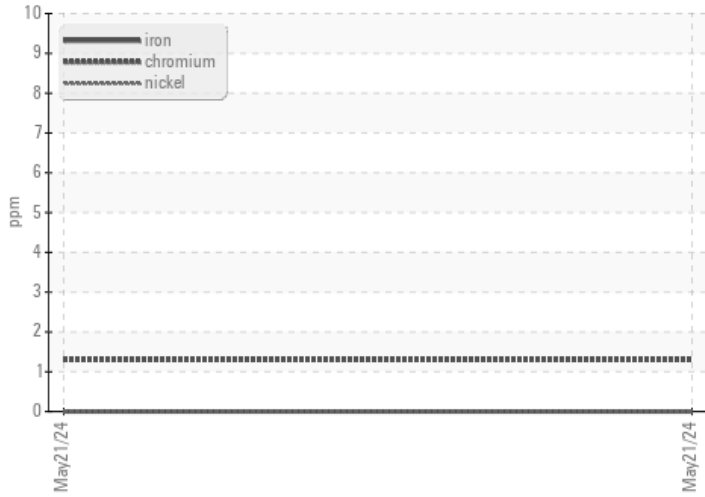


CONSTRUCTION EQUIPMENT

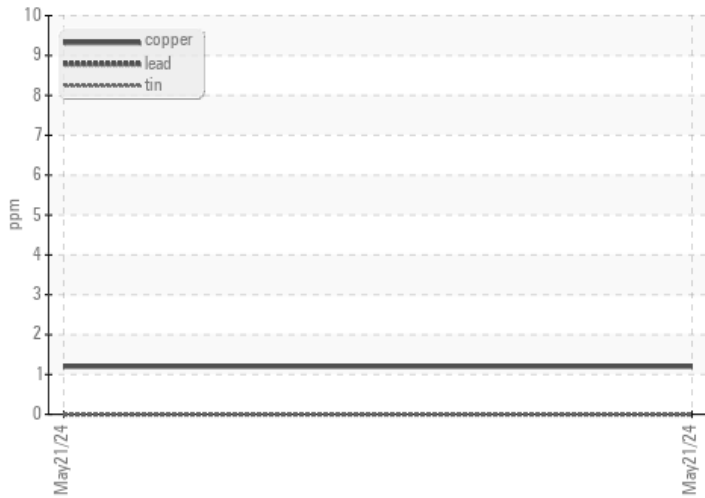


GRAPHS

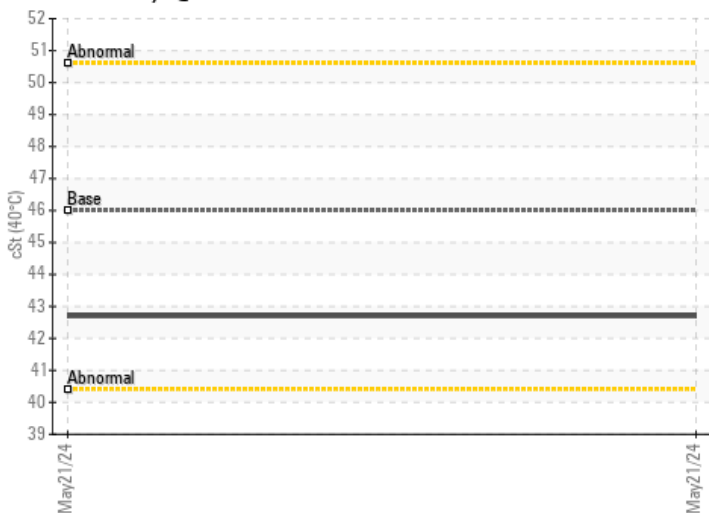
Ferrous Alloys



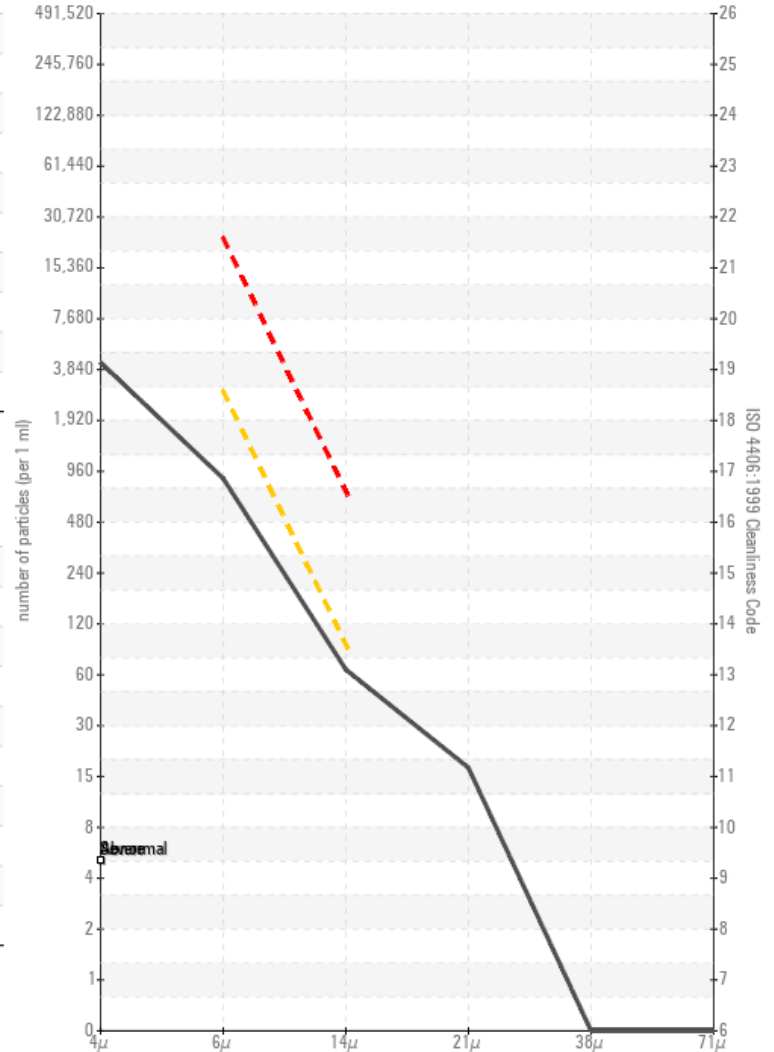
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

