



CONSTRUCTION EQUIPMENT

G08784 OCLF VOLVO A30G 742095 - HYDRAULIC SYSTEM



Sample No: VCP435230D

Oil Type: {unknown}

Job No: G08784 OCLF



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP435230D | --- | --- | --- |
| Sample Date | 13 May 2024 | --- | --- | --- |
| Machine Hours | 11692 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



HOFFMAN EQUIPMENT - DEPTFORD

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OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 41.9 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.74 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Particles >4µm | | █ 6895 | --- | --- | --- |
| Particles >6µm | | █ 946 | --- | --- | --- |
| Particles >14µm | | █ 25 | --- | --- | --- |
| ISO 4406:1999 (c) | | 20/17/12 | --- | --- | --- |
| Silicon | ppm | █ 8 | --- | --- | --- |
| Sodium | ppm | █ 4 | --- | --- | --- |
| Potassium | ppm | █ 0 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 | █ 5 | --- | --- | --- |
| Copper | ppm | █ 4 | --- | --- | --- |
| Lead | ppm | █ 2 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 2 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | 3 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 2265 | --- | --- | --- |
| Magnesium | ppm | 126 | --- | --- | --- |
| Zinc | ppm | 1079 | --- | --- | --- |
| Phosphorus | ppm | 931 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 62 | --- | --- | --- |

Depot: VOLVO8880

Unique No: 11034064

Signed: Wes Davis

Report Date: 22 May 2024

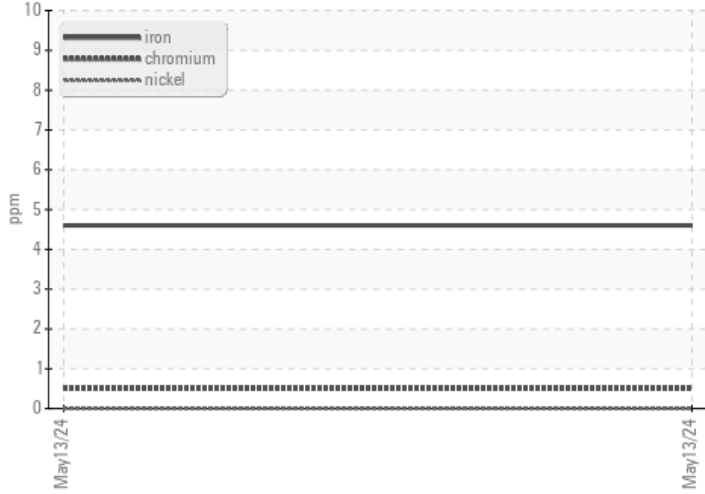


CONSTRUCTION EQUIPMENT

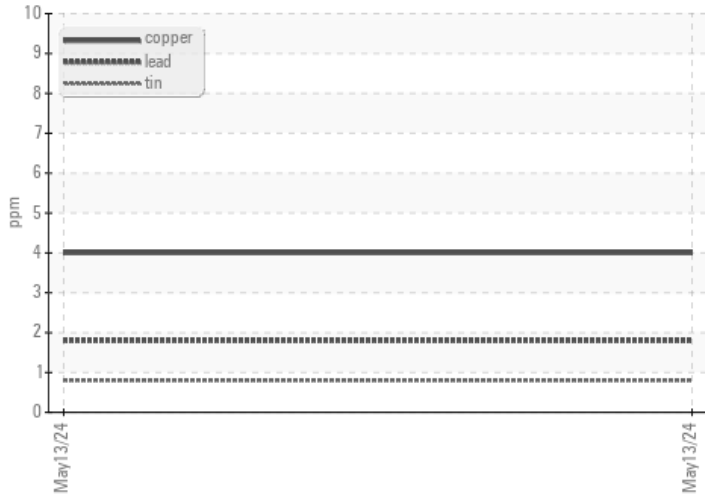


GRAPHS

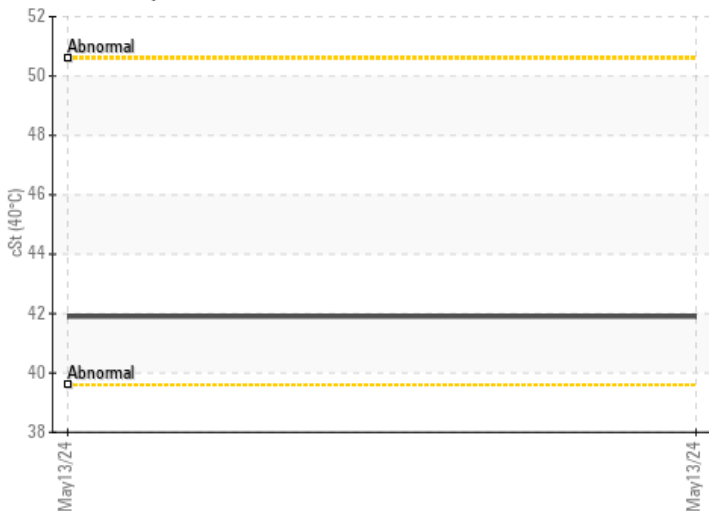
Ferrous Alloys



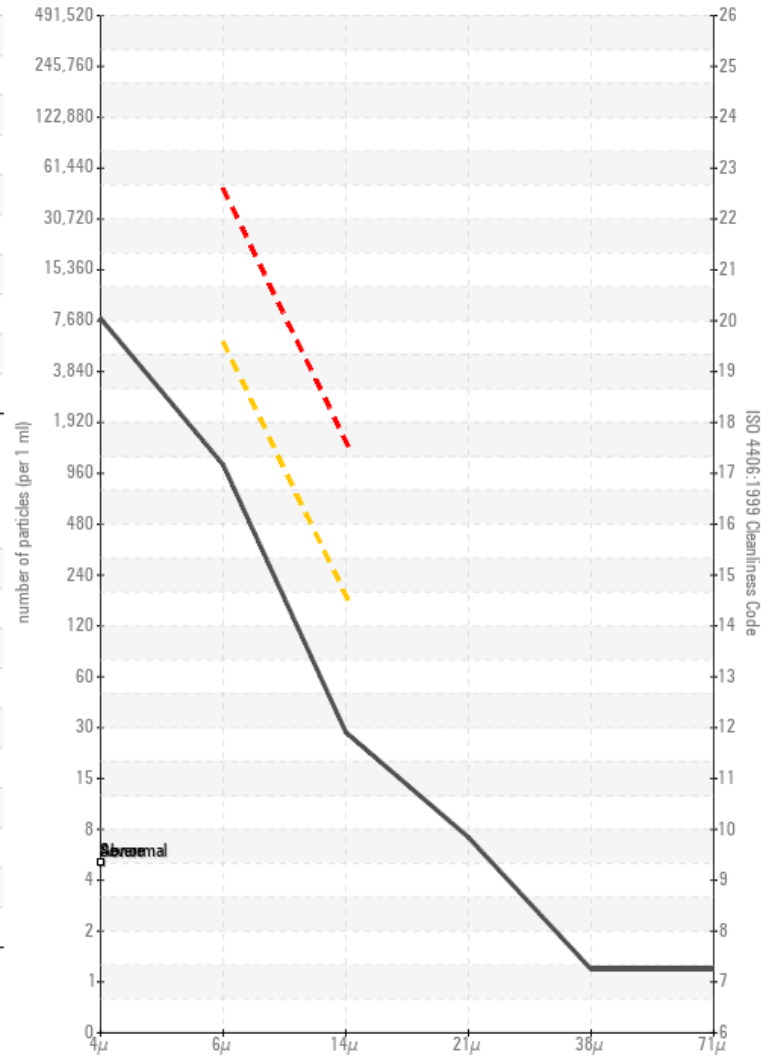
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

