



CONSTRUCTION EQUIPMENT

CANNINGTON 8-375957 VOLVO ECR305C 110771 (S/N 10217) - HYDRAULIC SYSTEM



Sample No: VCP353430

Oil Type: NOT GIVEN

Job No: 8-375957



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP353430 | --- | --- | --- |
| Sample Date | 22 Aug 2023 | --- | --- | --- |
| Machine Hours | 3955 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

STRONGCO EQUIPMENT INC.

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CA L4W 4L4

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 40.4 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Particles >4µm | | █ 10034 | --- | --- | --- |
| Particles >6µm | | █ 2158 | --- | --- | --- |
| Particles >14µm | | █ 148 | --- | --- | --- |
| ISO 4406:1999 (c) | | 21/18/14 | --- | --- | --- |
| Silicon | ppm | █ 4 | --- | --- | --- |
| Sodium | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

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 condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 9 | --- | --- | --- |
| Copper | ppm | █ 21 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ 1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | █ 0 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 0 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 49 | --- | --- | --- |
| Magnesium | ppm | 1 | --- | --- | --- |
| Zinc | ppm | 373 | --- | --- | --- |
| Phosphorus | ppm | 332 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | <1 | --- | --- | --- |

Depot: SHEMIS
Unique No: 5631562
Signed: Wes Davis
Report Date: 28 Aug 2023

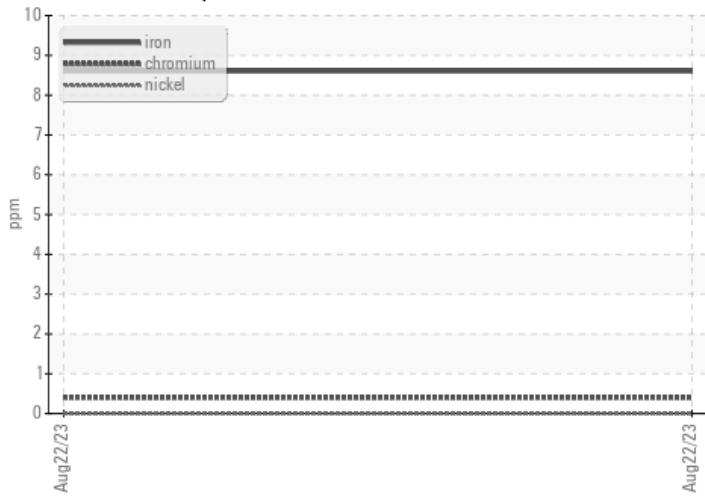


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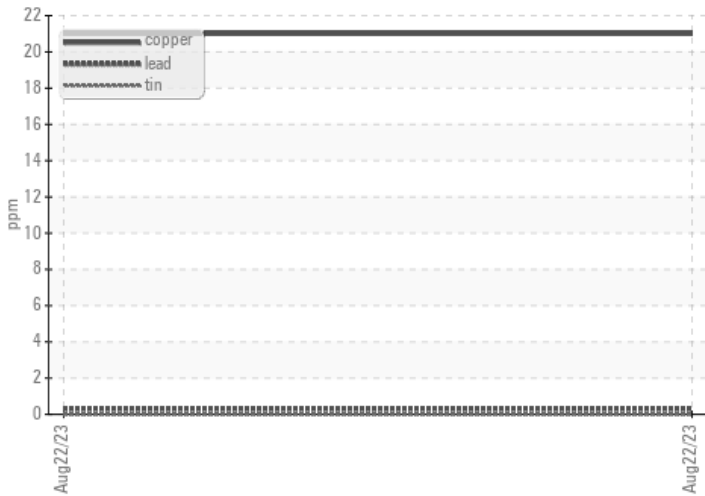


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

