



CONSTRUCTION EQUIPMENT

581778 STONE CO VOLVO L350H 1212 - HYDRAULIC SYSTEM



Sample No: VCP412708
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 581778 STONE CO



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP412708 | --- | --- | --- |
| Sample Date | 07 Aug 2023 | --- | --- | --- |
| Machine Hours | 1955 | --- | --- | --- |
| Oil Hours | 1955 | --- | --- | --- |
| Oil Changed | Not Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL ELZERMAN
paul.elzerman@altaequipment.com
T: (248)356-5200
F: (248)356-2029



OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 42.8 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | █ 0.38 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | █ 4 | --- | --- | --- |
| Sodium | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 7 | --- | --- | --- |
| Copper | ppm | █ 2 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ 0 | --- | --- | --- |
| Aluminum | ppm | █ <1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | █ 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 0 | --- | --- | --- |
| Vanadium | ppm | █ 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 56 | --- | --- | --- |
| Magnesium | ppm | █ 1 | --- | --- | --- |
| Zinc | ppm | █ 429 | --- | --- | --- |
| Phosphorus | ppm | █ 329 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 0 | --- | --- | --- |

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. There is a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO2990
Unique No: 10604745
Signed: Jonathan Hester
Report Date: 16 Aug 2023

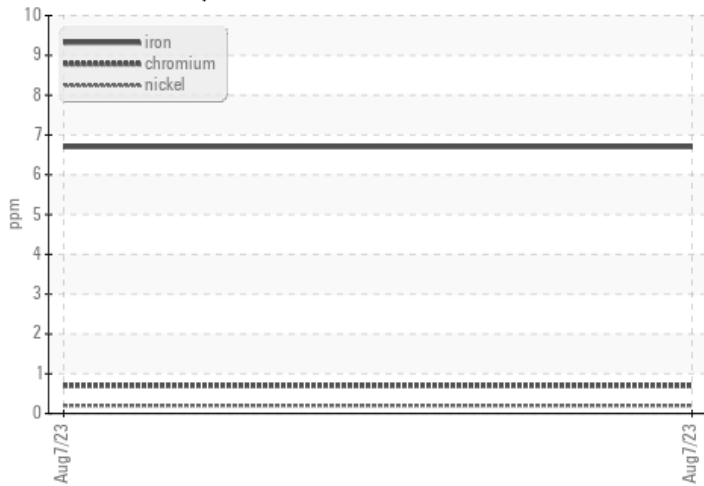


CONSTRUCTION EQUIPMENT

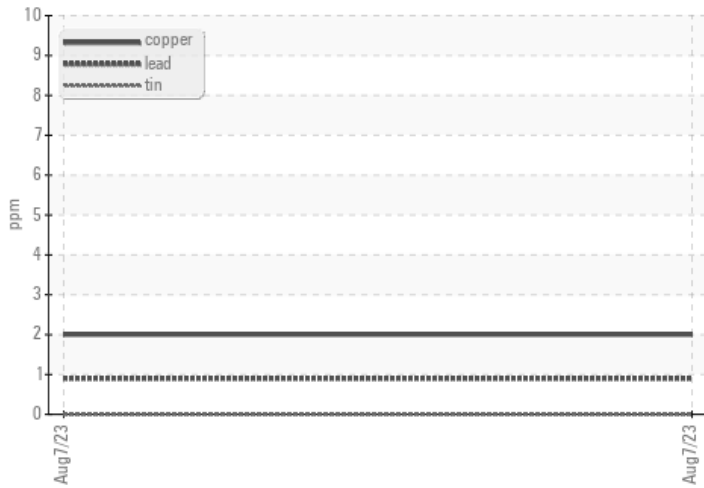


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

