



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 19246 VOLVO L120H RL67 (S/N 632516) - TRANSMISSION (AUTO)



Sample No: VCP412253
Oil Type: VOLVO AT 102
Job No: 19246



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP412253 | --- | --- | --- |
| Sample Date | 21 Jul 2023 | --- | --- | --- |
| Machine Hours | 8668 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

HILCO TRANSPORT

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US 27409
Contact: MIKE LAUGHEAD
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OIL CONDITION

| | | | | | |
|-------------|-----|---------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 28.55 | --- | --- | --- |
|-------------|-----|---------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 10 | --- | --- | --- |
| Sodium | ppm | ■ 6 | --- | --- | --- |
| Potassium | ppm | ■ 1 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ■ 87 | --- | --- | --- |
| Copper | ppm | ■ 13 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ■ 16 | --- | --- | --- |
| Chromium | ppm | ■ <1 | --- | --- | --- |
| Molybdenum | ppm | ■ 5 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ 6 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ■ 215 | --- | --- | --- |
| Magnesium | ppm | ■ 74 | --- | --- | --- |
| Zinc | ppm | ■ 145 | --- | --- | --- |
| Phosphorus | ppm | ■ 249 | --- | --- | --- |
| Barium | ppm | ■ <1 | --- | --- | --- |
| Boron | ppm | ■ 39 | --- | --- | --- |

Depot: HILGREVC
Unique No: 10587634
Signed: Jonathan Hester
Report Date: 08 Aug 2023

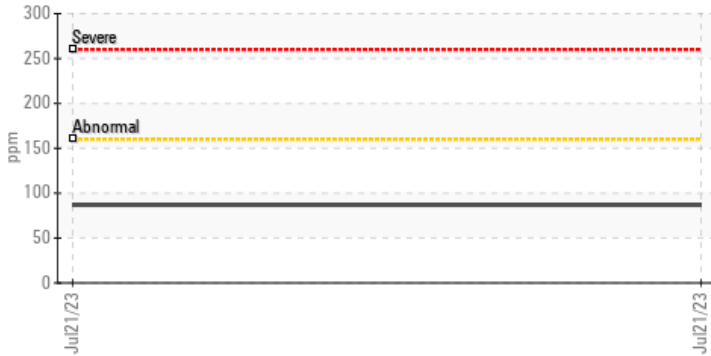


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GRAPHS

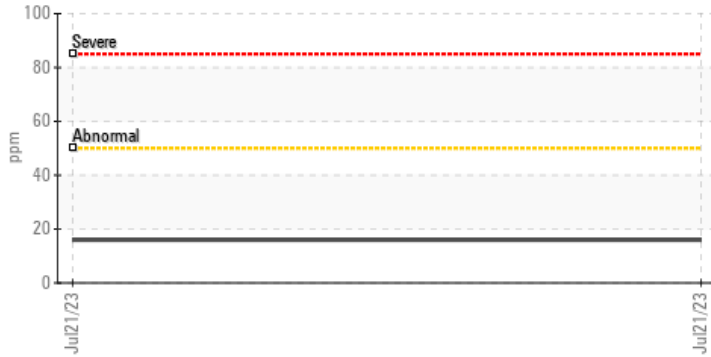
Iron (ppm)



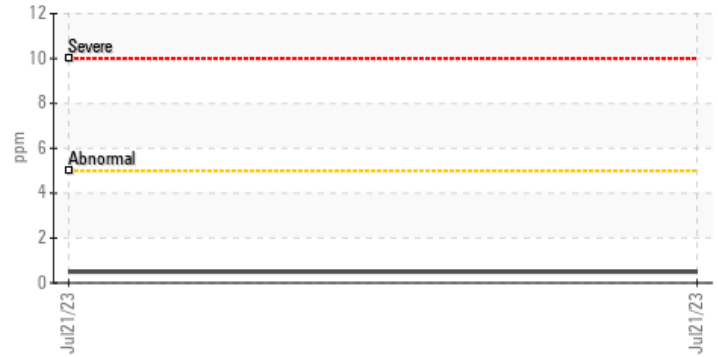
Lead (ppm)



Aluminum (ppm)



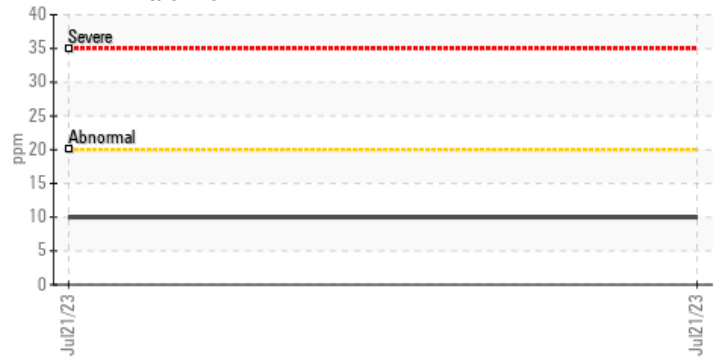
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

