CONSTRUCTION EQUIPMENT 2007 VOLVO L90G 3117 - FRONT AXLE



Sample No: VCP434269

VOLVO

| Oil Type: | VOLVO PREMIUM GEAR OIL 80W-90 GL-5 |
|-----------|------------------------------------|
| Job No: | 2007 |

| | E INFORMATION | | <u>.</u> | _ | _ | |
|---------------|---------------|-------------------|-------------|---|---|--|
| Sample Number | | VCP434269 | VCE173734 | | | |
| Sample Date | | 18 Jun 2024 | 24 Mar 2015 | | | |
| Machine Hours | | 13585 | 3500 | | | |
| Oil Hours | | 0 | 3500 | | | |
| Oil Changed | | Not Changd | Not Changd | | | |
| Sample Status | | ATTENTION | NORMAL | | | |
| OIL CON | | | | | | |
| | | 44.5 | 40.57 | | | |
| Visc @ 40°C | cSt | 41.5 | 40.57 | | | |
| CONTAI | MINATION | | | | | |
| Water | % | NEG | NEG | | | |
| Silicon | ppm | 16 | 16 | | | |
| Sodium | ppm | 8 | 3 | | | |
| Potassium | ppm | | 0 | | | |
| | | | | | | |
| WEAR I | METALS | | | | | |
| Iron | ppm | 72 | 134 | | | |
| Copper | ppm | | <1 | | | |
| Lead | ppm | 0 | 0 | | | |
| Tin | ppm | | 0 | | | |
| Aluminum | ppm | 1 | <1 | | | |
| Chromium | ppm | 1 | 5 | | | |
| Molybdenum | ppm | 2 | 5 | | | |
| Nickel | ppm | 0 | <1 | | | |
| Titanium | ppm | 0 | <1 | | | |
| Silver | ppm | 0 | 0 | | | |
| Manganese | ppm | 2 | 8 | | | |
| Vanadium | ppm | 0 | <1 | | | |

| ADDITIVES | | | | | | | | | |
|------------|-----|-------------|------|--|--|--|--|--|--|
| Calcium | ppm | 93958 | 4164 | | | | | | |
| Magnesium | ppm | 21 | 10 | | | | | | |
| Zinc | ppm | 🛑 1564 | 1691 | | | | | | |
| Phosphorus | ppm | 1261 | 1453 | | | | | | |
| Barium | ppm | 0 | 0 | | | | | | |
| Boron | ppm | 119 | 120 | | | | | | |



LEONARDS CONTRACTING

30850 STEPHENSON HWY MADISON HEIGHTS, MI US 48071 Contact: LARRY SCHRADE larry.schrade@sdevelop.com T: (810)499-1953 F: x:

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

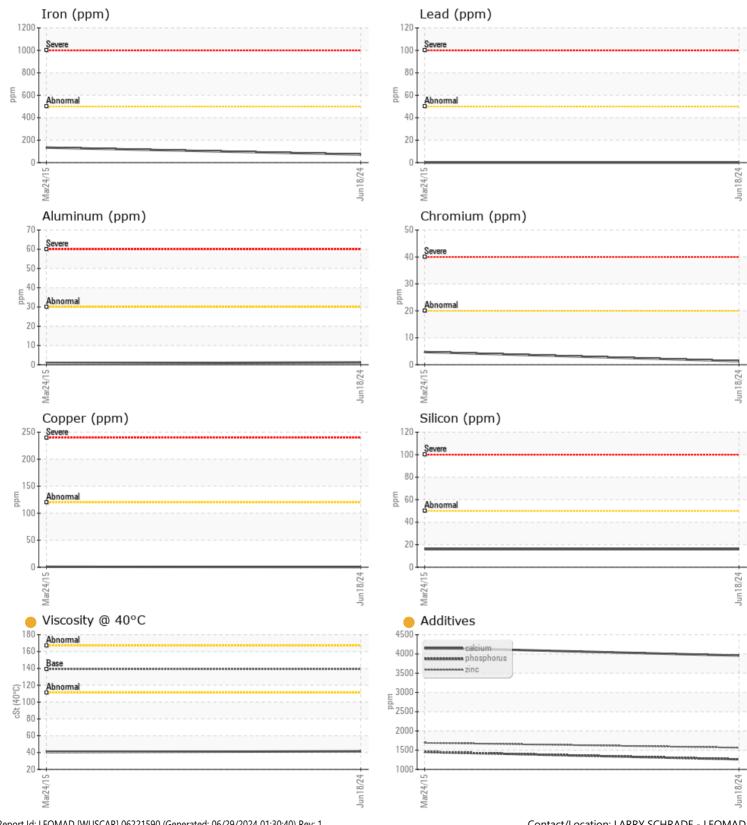
Depot:LEOMADUnique No:11099787Signed:Jonathan HesterReport Date:28 Jun 2024Contact/Location: LARRY SCHRADE - LEOMAD

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: LARRY SCHRADE - LEOMAD