



OIL ANALYSIS REPORT

| | |
|-----------------|--------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
HONDA ACCORD HYBRID 18-GROR-01-001-M (S/N JHMCR6F77HC800006)

Component
Front Gasoline Engine

Fluid
HONDA 0W20 (5 LTR)

RECOMMENDATION

Resample at the next service interval to monitor. No other corrective action is recommended at this time.

WEAR

All component wear rates are normal.

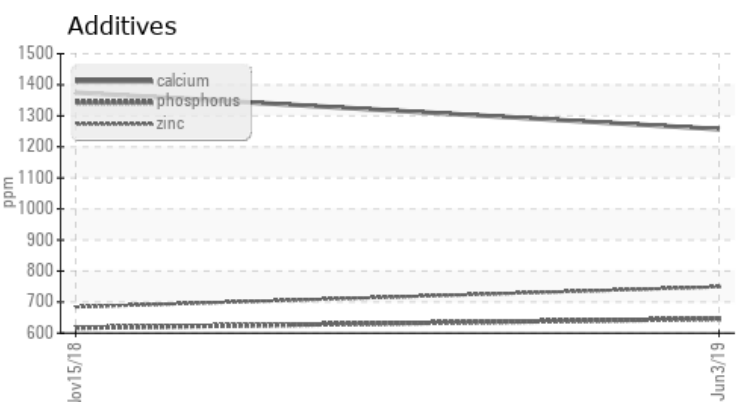
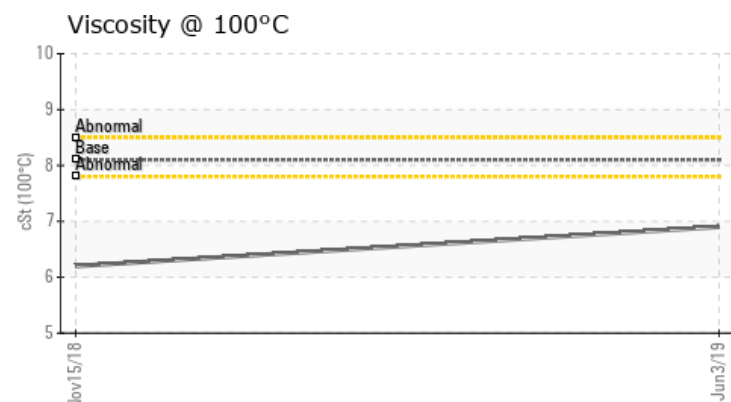
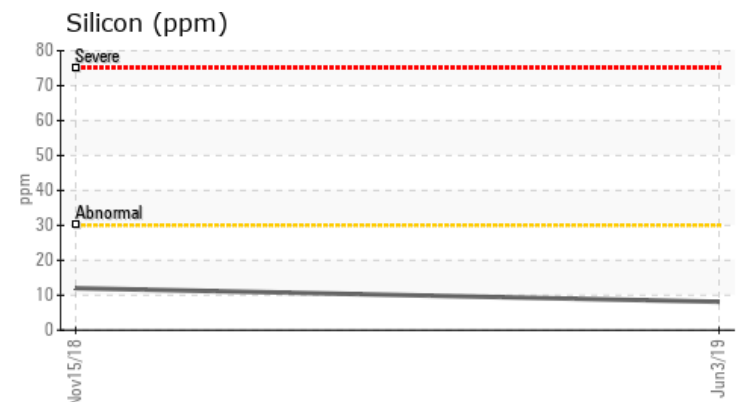
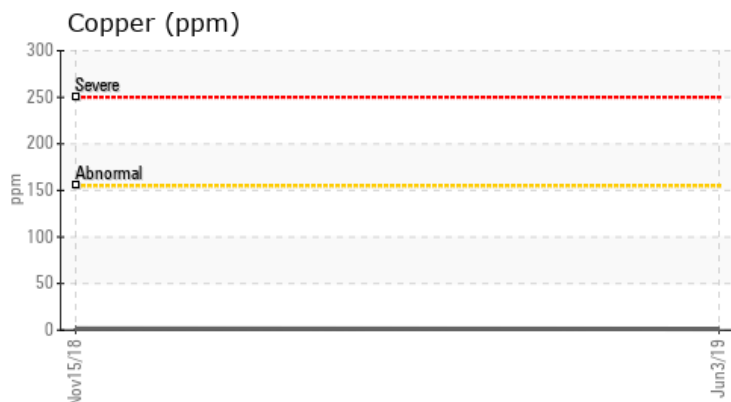
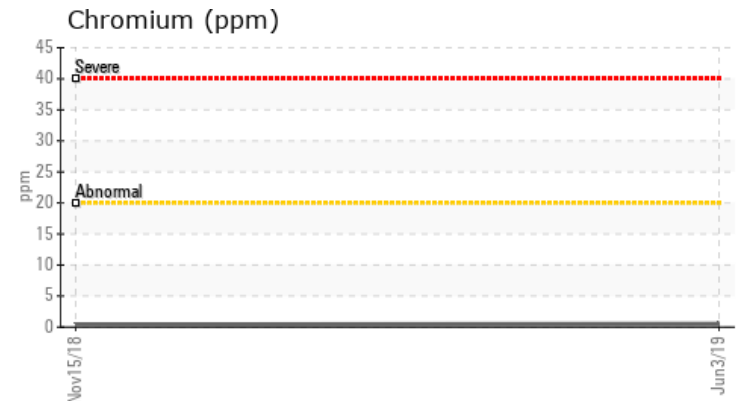
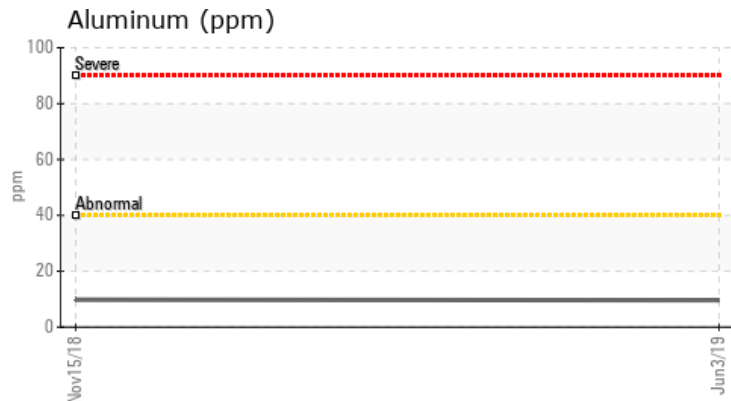
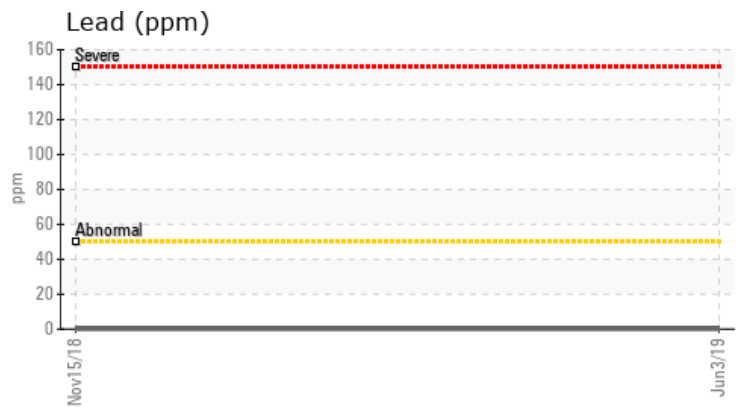
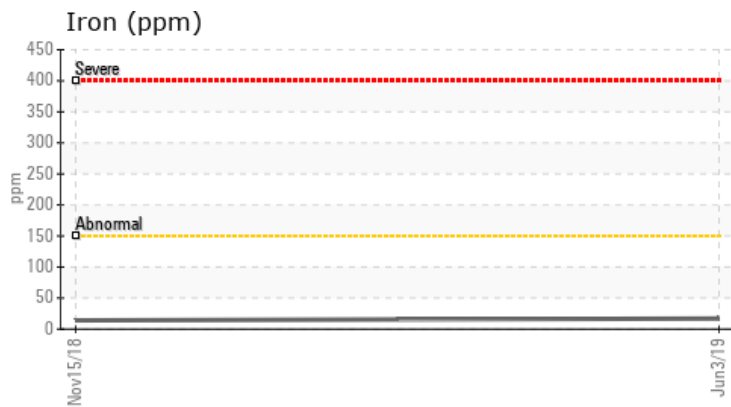
CONTAMINATION

Light fuel dilution occurring. No other contaminants were detected in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|----------|------------|-----------|--------------------|-------------|----------|
| Sample Number | | | | WC0323764 | WC113767 | --- |
| Sample Date | | | | 03 Jun 2019 | 15 Nov 2018 | --- |
| Machine Age | kms | | | 62341 | 49003 | --- |
| Oil Age | kms | | | 13338 | 18803 | --- |
| Filter Age | kms | | | 13338 | 18803 | --- |
| Oil Changed | | | | Changed | Changed | --- |
| Filter Changed | | | | Changed | Changed | --- |
| Sample Status | | | | NORMAL | ABNORMAL | --- |
| Iron | ppm | ASTM D5185 | >150 | 17 | 14 | --- |
| Chromium | ppm | ASTM D5185 | >20 | <1 | <1 | --- |
| Nickel | ppm | ASTM D5185 | >5 | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185 | | 0 | 0 | --- |
| Silver | ppm | ASTM D5185 | >2 | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185 | >40 | 10 | 10 | --- |
| Lead | ppm | ASTM D5185 | >50 | <1 | <1 | --- |
| Copper | ppm | ASTM D5185 | >155 | 1 | 2 | --- |
| Tin | ppm | ASTM D5185 | >10 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185 | | <1 | <1 | --- |
| White Metal | scalar | Visual | NONE | VLITE | --- | --- |
| Babbitt | scalar | Visual | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185 | >30 | 8 | 12 | --- |
| Potassium | ppm | ASTM D5185 | >20 | 1 | <1 | --- |
| Fuel | % | ASTM D3524 | >4.0 | 1.6 | ▲ 5.9 | --- |
| Glycol | | ASTM D2982 | | NEG | NEG | --- |
| Soot % | % | ASTM D7686 | | 0 | 0 | --- |
| Nitration | Abs/cm | ASTM D7624 | >20 | 13.0 | 12.4 | --- |
| Sulfation | Abs/.1mm | ASTM D7415 | >30 | 24.2 | 23.3 | --- |
| Silt | scalar | Visual | NONE | NONE | --- | --- |
| Debris | scalar | Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | Visual | NONE | NONE | --- | --- |
| Appearance | scalar | Visual | NORML | NORML | --- | --- |
| Odor | scalar | Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | Visual | >0.2 | NEG | NEG | --- |
| Sodium | ppm | ASTM D5185 | >400 | 5 | 3 | --- |
| Boron | ppm | ASTM D5185 | | 52 | 54 | --- |
| Barium | ppm | ASTM D5185 | | 0 | 0 | --- |
| Molybdenum | ppm | ASTM D5185 | | 131 | 71 | --- |
| Manganese | ppm | ASTM D5185 | | 1 | 1 | --- |
| Magnesium | ppm | ASTM D5185 | | 455 | 301 | --- |
| Calcium | ppm | ASTM D5185 | | 1257 | 1375 | --- |
| Phosphorus | ppm | ASTM D5185 | | 646 | 617 | --- |
| Zinc | ppm | ASTM D5185 | | 749 | 684 | --- |
| Sulfur | ppm | ASTM D5185 | | 2554 | 2306 | --- |
| Oxidation | Abs/.1mm | ASTM D7414 | >25 | 15.7 | 15.2 | --- |
| Visc @ 100°C | cSt | ASTM D7279 | 8.101 | 6.9 | 6.2 | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0323764 **Received** : 07 Jun 2019
Lab Number : 02289669 **Diagnosed** : 11 Jun 2019
Unique Number : 4876930 **Diagnostician** : Bill Quesnel
Test Package : MOB 1 (Additional Tests: PercentFuel, Visual)

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To discuss diagnosis or test data, contact Technical Support at 1-800-268-2131.
 To change component or sample information, contact Customer Service at 1-800-268-2131.