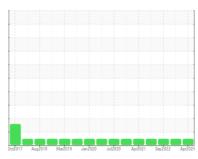


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id HINO 386987

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

| AL) | | | | | | |
|------------------|----------|-------------|------------|-------------|-------------|-------------|
| SAMPLE INFOR | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | PCA0101969 | PCA0089891 | PCA0078965 |
| Sample Date | | Client Info | | 04 Apr 2024 | 06 Feb 2023 | 29 Sep 2022 |
| Machine Age | mls | Client Info | | 210258 | 182671 | 173169 |
| Oil Age | mls | Client Info | | 0 | 0 | 9293 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |
| CONTAMINAT | ION | method | limit/base | current | history1 | history2 |
| -uel | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| Nater | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| WEAR METAL | _S | method | limit/base | current | history1 | history2 |
| ron | ppm | ASTM D5185m | >100 | 14 | 14 | 12 |
| Chromium | ppm | ASTM D5185m | >20 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | >4 | <1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >3 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >20 | 4 | 10 | 25 |
| _ead | ppm | ASTM D5185m | >40 | 3 | 2 | 1 |
| Copper | ppm | ASTM D5185m | >330 | 2 | 2 | 3 |
| in | ppm | ASTM D5185m | >15 | 1 | <1 | <1 |
| Intimony | ppm | ASTM D5185m | | | | |
| /anadium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | 2 | 8 | 6 | 10 |
| Barium | ppm | ASTM D5185m | 0 | 2 | 0 | <1 |
| Molybdenum | ppm | ASTM D5185m | 50 | 63 | 67 | 70 |
| Manganese | ppm | ASTM D5185m | 0 | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 950 | 930 | 940 | 853 |
| Calcium | ppm | ASTM D5185m | 1050 | 1178 | 1169 | 1092 |
| Phosphorus | ppm | ASTM D5185m | 995 | 1052 | 1068 | 1005 |
| Zinc | | ASTM D5185m | 1180 | 1277 | 1257 | 1179 |
| Sulfur | ppm | ASTM D5185m | 2600 | 3352 | 3007 | 3316 |
| CONTAMINAN | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >25 | 4 | 3 | 1 |
| Sodium | ppm | ASTM D5185m | | 4 | 3 | 3 |
| Potassium | ppm | ASTM D5185m | >20 | 7 | 23 | 68 |
| INFRA-RED | | method | limit/base | current | history1 | history2 |
| Soot % | % | *ASTM D7844 | >3 | 0.8 | 0.7 | 0.7 |
| Nitration | Abs/cm | *ASTM D7624 | >20 | 11.0 | 9.7 | 10.2 |
| Sulfation | Abs/.1mm | *ASTM D7415 | >30 | 20.4 | 19.2 | 20.6 |
| FLUID DEGRA | DATION | method | limit/base | current | history1 | history2 |
| Oxidation | Abs/.1mm | *ASTM D7414 | >25 | 18.6 | 16.4 | 17.3 |
| Base Number (BN) | mg KOH/g | ASTM D2896 | | 6.9 | 8.1 | 9.6 |



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Lab Number : 06161245 Unique Number : 10996668

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0101969

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received : 26 Apr 2024 **Tested**

: 27 Apr 2024

Diagnosed : 27 Apr 2024 - Wes Davis Test Package : MOB 1 (Additional Tests: TBN)

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

MILLER TRUCK LEASING #112

1504 MAINLINE DR CINNAMINSON, NJ US 08077

Contact: MIKE BOYER mboyer@millertransgroup.com

T: (856)662-4264 F: (856)663-4898

Report Id: MILPEN [WUSCAR] 06161245 (Generated: 04/27/2024 04:28:44) Rev: 1

Contact/Location: MIKE BOYER - MILPEN