

OIL ANALYSIS REPORT





426021-4673

Component Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (--- LTR)

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

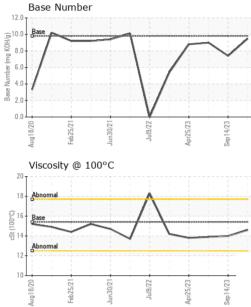
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

| L0074371 Jun 2023 330 t Changd PRMAL history2 <1.0 NEG history2 10 <1 |
|---|
| 330 t Changd DRMAL history2 <1.0 NEG history2 10 |
| t Changd DRMAL history2 <1.0 NEG history2 10 |
| ARMAL history2 <1.0 NEG history2 10 |
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| NEG history2 10 |
| history2 10 |
| 10 |
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| <1 |
| |
| 0 |
| <1 |
| 0 |
| <1 |
| 0 |
| 1 |
| <1 |
| 0 |
| 0 |
| history2 |
| 3 |
| 0 |
| 59 |
| <1 |
| 952 |
| 1052 |
| 983 |
| 1209 |
| 3556 |
| |
| history2 |
| history2 2 |
| |
| 2 |
| 2 <1 |
| 2 <1 0 |
| 2 <1 0 history2 |
| 2 <1 0 history2 1.9 |
| 2 <1 0 history2 1.9 7.1 |
| 2 <1 0 history2 1.9 7.1 21.5 |
| < |



OIL ANALYSIS REPORT

VISUAL



| | | VISUAL | | method | limit/base | current | history1 | history2 |
|---------------------|----------------------|---|---|--|--|--------------|-------------------------------------|--|
| | | White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| - | \sim | Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| | | Precipitate | scalar | *Visual | NONE | NONE | NONE | NONE |
| | | Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| | | Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| V | | _ Sand/Dirt | | *Visual | NONE | NONE | NONE | NONE |
| 22 | 23 - 23 | | scalar | | | | | |
| Jun30/21 Jul9/22 | Apr25/23 Sep14/23 | Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| 7 | S A | Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| С | | Emulsified Water | scalar | *Visual | >0.2 | NEG | NEG | NEG |
| | | Free Water | scalar | *Visual | | NEG | NEG | NEG |
| \wedge | | FLUID PROPE | RTIES | method | limit/base | current | history1 | history2 |
| \langle / \rangle | | Visc @ 100°C | cSt | ASTM D445 | 15.4 | 14.6 | 14.0 | 13.9 |
| | | GRAPHS | | | | | | |
| | | Ferrous Alloys | | | | | | |
| Jun3021 Jul3/22 | Apr25/23 Sep14/23 | Non-ferrous Metals | S 22/80nC | Api25/23 | | | | |
| | | Viscosity @ 100°C | Jul9/22 | Apr25/23 | 12.0 (0)HO3 8.0 (0)HO3 | | 22/06 unu 22/08 uL | Apr25/23 |
| * - Denotes tes | st methods that a | : WearCheck USA - 5 : GFL0091832 F : 05964415 F : 10670966 F | 01 Madia Received Diagnos Diagnos Ce at 1-8 7025 scc | son Ave., Ca d : 29 s ed : 29 s tician : Wes 800-237-136s ope of accred | ry, NC 27513 Sep 2023 Sep 2023 s Davis 9. 0. iitation. | 3 GFL Enviro | nmental - 654 - ו 118 Contaci | Richmond Hauling 800 Lewis Road Chester, VA US 23831 t: Jimmy Mayes es@gflenv.com T: F: |

Submitted By: TECHNICIAN ACCOUNT