

PETERBILT 379 01 - DIESEL ENGINE

Sample No: WC0947950

Oil Type: ALPHA 15W40

SAMPLE INFORMATION

Sample Number	WC0947950	---	---	---
Sample Date	27 May 2024	---	---	---
Machine Hours	1386200	---	---	---
Oil Hours	10000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OLD NORTH HAULERS
 6515 MURPHY ST
 GRIFFON, NC
 US 28530
 Contact: Service Manager

T:
 F:

OIL CONDITION

Visc @ 100°C	cSt	14.5	---	---	---
Base Number (BN)	mg KOH/g	10.90	---	---	---
Oxidation (PA)	%	167	---	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.4	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	116	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	3	---	---	---

WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	118	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2667	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	2387	---	---	---
Phosphorus	ppm	498	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

Depot: OLDGRI
Unique No: 11058978
Signed: Sean Felton
Report Date: 03 Jun 2024

Contact/Location: Service Manager - OLDGRI

0:09:22 Rev: 1

GRAPHS

