Client: 3637607

BONNETT'S WIRELINE 65007 twp rd 714

GRANDE PRAIRIE, AB T8W 5E7

ATTN: RYAN MCNALLY

Date analyzed: 01/25/24

Work order: 23C191686

Oil brand & grade: Petro-Canada Duron E Syn 0W40 (2018)

Client Ref #:

Unit #: 1116

Unit Location:

Component: ENGINE

Location:

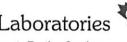
Serial #: INKDL40X4FR97

Make: KENWORTH

Model: T800

OAS#:





Equipment Reliability and Lubricants Testing Services

3650 21st Street N.E., Calgary, AB, T2E6V6 Phone:(403)299-2000 Fax:(403)299-2105

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11810 COM	W V
ISO	ISO
9001	17025
	- Salvage

		LEGEN	ical L	U	R -Uppe	r Reporta	able [UC -Upper C	ritical *	Ital -Cus	tom Limit												
To lette	UNIT DATA			SPECTROGRAPHIC ANALYSIS (PPM)																			
Sample#	Date Sampled	Component Service	Oil Service	Oil Changed	AI Aluminum	Cr Chromium	Cu Copper	Fe Iron	Sn Tin	Pb Lead	Si Silicon	Mo Molybdenu	Ni m Nickel	Ag Silver	K Potassium	Na Sodium	B Boron	Ba Barium	Ca Calcium	Mg Magnesium	Mn Manganese	Phospho	Zn orus Zinc
New Oil					0	0	0	2	0	0	4	77	0	0	0	2	0	0	1300	975	0	1330	1753
DA04222	10/04/00	15742 hre	800	hre V	100001	-	•	24	•	0	4	CA	0	0	2	-	27 110	100000	4040	4000	0	040	4400

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Sample#	Glycol	H2O % Fuel	Visc 40°C	cosity 100°C	% Solids	KF FI	°C ash Point	4 M	cron size	14	ISO Code		% sooт	OXD	NOX	cox	s/cm-1 SO4	ZDDP	TAN	TBN	Min. RPVOT
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	0	30	60	0	90	1	20	150		Comm	nents:										
Sample#	7																				
Sample#	i	I			<u> </u>						ER TO REVERSE										

^{*} COMPONENT SERIAL NUMBER MUST BE GIVEN TO GENERATE HISTORY. Bold faced elements are included in Wear Control Chart. AGAT Laboratories Liability Shall Not Exceed The Cost Of Analysis. *Results relate only to the items tested

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GRANDE PRAIRIE, AB T8W 5E7 ATTN: RYAN MCNALLY

> Date analyzed: 01/25/24 Work order: 23C191686

Oil brand & grade: Petro-Canada Duron E Syn 0W40 (2018)

Client Ref #:

Unit No.: 1116

Unit Location:

Component: ENGINE

Location:

Serial No.: INKDL40X4FR97

Make: KENWORTH Model: T800

OAS No.:



Possible Causes

B - Boron

Boron is most commonly a coolant additive (in the form of borate). It may also be found

in water inhibitors, extreme pressure additives, or grease additives.

TAN - Total Acid Number

Total acid number (TAN) is a measure of acidic components in oil. Higher than expected TAN may be due to the use of high-sulfur (sour) fuel, overheating, excessive blow-by, extended oil drain intervals, depletion of the oils additive package or the use of in improper oil type.

Significance of Result / Recommended Action

Higher than expected boron levels generally indicate contamination. If high sodium and/or potassium levels are also present this commonly points to a coolant leak. Check for coolant leaks, seal failures, cracked heads or liners to identify and evaluate the source. Re-sample to monitor to ensure the source of contamination has been fixed.

Higher than expected TAN level may indicate that the oil has reached the end of its useful lifetime. Identify and evaluate the source of the TAN level increase. Consider changing the oil.

Client: 3637607 BONNETT'S WRELINE 65007 twp rd 714

GRANDE PRAIRIE, AB T6W 5E7

ATTN: RYAN MCNALLY

Unit #: 1116 Unit Location: Component: ENGINE Location:

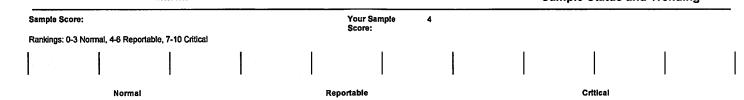
Serial #: INKDL40X4FR97 Make: KENWORTH Model: T800

Oil brand & grade: Petro-Canada Duron E Syn 0W40 (2018) Sample #: C-1026559 Date Sampled: 01/25/24 Date Analyzed: 01/25/24

Work order: 23C191686 Client Ref#;



Sample Status and Trending



Trend Graphs

