

(N/A) Walgreens - Tractor [Walgreens - Tractor] Walgreens - Yard Horse

Diesel Engine

Fluid PETRO CANADA DURON SHP 10W30 (11 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

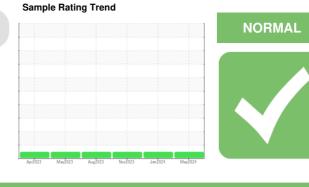
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

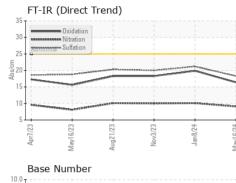
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

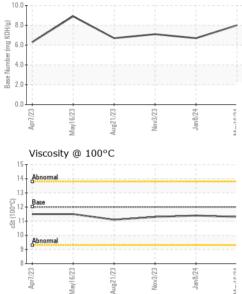


SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0120817	PCA0103572	PCA0103521
Sample Date		Client Info		16 May 2024	08 Jan 2024	03 Nov 2023
Machine Age	hrs	Client Info		14118	13036	12315
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT		in a the all	line it /le e e e		la la tamurt	bieten 0
	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	26	26	22
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	2	2	3
Lead	ppm	ASTM D5185m	>40	0	0	<1
Copper	ppm	ASTM D5185m	>330	3	1	1
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	5	0	0
Barium	ppm	ASTM D5185m	0	0	0	6
Molybdenum	ppm	ASTM D5185m	50	61	57	62
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	950	938	987	902
Calcium	ppm	ASTM D5185m	1050	1023	1031	1041
Phosphorus	ppm	ASTM D5185m	995	1079	999	1020
Zinc	ppm	ASTM D5185m	1180	1268	1288	1198
Sulfur	ppm	ASTM D5185m	2600	3314	2907	3511
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon						
	ppm	ASTM D5185m	>25	8	4	4
Sodium	ppm ppm	ASTM D5185m ASTM D5185m	>25	8 <1	4	4
Sodium Potassium						
	ppm	ASTM D5185m		<1	1	0
Potassium INFRA-RED	ppm ppm	ASTM D5185m ASTM D5185m method	>20 limit/base	<1 1 current	1 0 history1	0 2 history2
Potassium INFRA-RED Soot %	ppm ppm %	ASTM D5185m ASTM D5185m method *ASTM D7844	>20 limit/base >3	<1 1 current 0.4	1 0 history1 0.6	0 2 history2 0.5
Potassium INFRA-RED Soot % Nitration	ppm ppm % Abs/cm	ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624	>20 limit/base >3 >20	<1 1 current 0.4 9.1	1 0 history1 0.6 10.1	0 2 history2 0.5 10.0
Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7415	>20 limit/base >3 >20 >30	<1 1 current 0.4 9.1 18.3	1 0 history1 0.6 10.1 21.2	0 2 history2 0.5 10.0 20.0
Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE	ppm ppm % Abs/cm Abs/.1mm OATION	ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7415 method	>20 limit/base >3 >20 >30 limit/base	<1 1 current 0.4 9.1 18.3 current	1 0 history1 0.6 10.1 21.2 history1	0 2 history2 0.5 10.0 20.0 history2
Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7415	>20 limit/base >3 >20 >30	<1 1 current 0.4 9.1 18.3	1 0 history1 0.6 10.1 21.2	0 2 history2 0.5 10.0 20.0



OIL ANALYSIS REPORT





	VISUAL		method	limit/base	e current	history1	history2
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
and a state of the	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
May16/24	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
May	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
	FLUID PROP	ERTIES	method	limit/base	e current	history1	history2
	Visc @ 100°C	cSt	ASTM D445	12.00	11.3	11.4	11.3
	GRAPHS						
	Ferrous Alloys						
	iron		1				
C 2 1	25 - exceeded the chromium						
ΨW	20						
	<u>ال</u> 15						
	10						
	5-						
		-					
	Apr7/23 May16/23	Aug/21/23 Nov3/23	Jan 8/24	May16/24			
	A,	Aug	P	May			
~	Non-ferrous Meta	als					
10 J - 10 D	10 copper	1 1					
A.A.	8 - Bessessesses lead						
	6-						
		1	1				
	^a 4						
				/			
	2		/				
	0	Succession of the local division of the loca	Contraction of the local division of the loc				
	Apr7/23 May16/23	Aug 21/23 Nov3/23	Jan 8/24	May16/24			
	Ap	No	Ja.	May			
	Viscosity @ 100°	С			Base Numbe	er	
	14 - Abnormal		1		8.0		
	13			B/HO)	6.0		
	0 12 - Base			K K	7.0 6.0 5.0 4.0 3.0 2.0		
	0012 - Base 001 33 11-			nber	4.0		
	10			Nur Nur	3.0		
	Abnormal 9 -						
					1.0-		
	8	23	24	24	3 3	23 -	24 +
	Apr7/23 May16/23	Aug 21/23 Nov3/23	Jan8/24	May16/24	Apr7/23 May16/23	Aug21/23 Nov3/23	Jan 8/24
	W ·	A		M	×	A.	-
oratory	: WearCheck USA - 5				3 Transei	rvice - Shop 1369 - Be	
ple No.	: PCA0120817	Rece		3 Jun 2024			710 Ovilla Ro
	: 06197435	Teste		Jun 2024		v	Vaxahachie,



 Unique Number
 : 11059558
 Diagnosed
 : 04 Jun 2024 - Wes Davis

 Certificate 12307
 Test Package
 : FLEET

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

e - Shop 1369 - Berkeley-Waxahachie 710 Ovilla Road Waxahachie, TX US 75167 Contact: Robert Beal rbeal@transervice.com T: (972)923-9928 :2012) F: (972)923-9919

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Contact/Location: Robert Beal - TSV1369