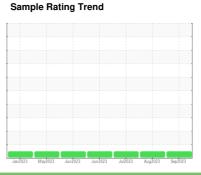


OIL ANALYSIS REPORT

(TEMP) Walgreens - Yard Horse [Walgreens - Yard Horse] 136A81259

Diesel Engine

PETRO CANADA DURON SHP 10W30 (11 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

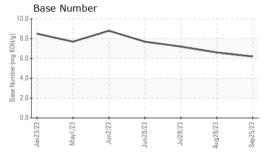
Fluid Condition

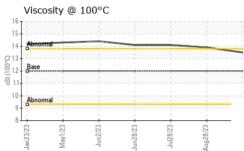
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CAMPLE INFOR	MATION	and the section of	Paralle flame and		la facta a social	history O
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0105854	PCA0091536	PCA0091552
Sample Date		Client Info		25 Sep 2023	28 Aug 2023	28 Jul 2023
Machine Age	hrs	Client Info		4844	4738	4600
Oil Age	hrs	Client Info		200	4315	150
Oil Changed		Client Info		Oil Added	N/A	Oil Added
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	28	22	21
Chromium	ppm	ASTM D5185m	>20	2	1	1
Nickel	ppm	ASTM D5185m	>4	<1	0	2
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	4	2	3
Lead	ppm	ASTM D5185m	>40	0	0	0
Copper	ppm	ASTM D5185m	>330	1	3	<1
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m	7.0	0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	ppm	method	limit/base	current	0 history1	history2
ADDITIVES		method		current	history1	history2
ADDITIVES Boron	ppm	method ASTM D5185m	2	current 0	history1	history2
ADDITIVES Boron Barium	ppm	method ASTM D5185m ASTM D5185m	2	current 0 2	history1 0 0	history2 0 0
ADDITIVES Boron Barium Molybdenum	ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50	current 0 2 61	history1 0 0 57	history2 0 0 63
ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50	current 0 2 61 <1	history1 0 0 57 <1	history2 0 0 63 <1
ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950	current 0 2 61 <1 941	history1 0 0 57 <1 915	history2 0 0 63 <1 994
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050	current 0 2 61 <1 941 1048	history1 0 0 57 <1 915 1021	history2 0 0 63 <1 994 1185
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995	current 0 2 61 <1 941 1048 980	history1 0 0 57 <1 915 1021 962	history2 0 0 63 <1 994 1185 1092
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050	current 0 2 61 <1 941 1048	history1 0 0 57 <1 915 1021	history2 0 0 63 <1 994 1185
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995 1180	current 0 2 61 <1 941 1048 980 1257	history1 0 0 57 <1 915 1021 962 1222	history2 0 0 63 <1 994 1185 1092 1345
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600	current 0 2 61 <1 941 1048 980 1257 3038 current	history1 0 0 57 <1 915 1021 962 1222 3401 history1	history2 0 0 63 <1 994 1185 1092 1345 3726 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600	current 0 2 61 <1 941 1048 980 1257 3038 current 7	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base	current 0 2 61 <1 941 1048 980 1257 3038 current 7	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >25	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m method	2 0 50 0 950 1050 995 1180 2600 limit/base >25	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >25 >20	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1 current 0.9	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1 0.9	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2 0.7
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm	method ASTM D5185m method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >25 >20	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1 current 0.9 10.4	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1 0.9 10.5	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2 0.7 9.6
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >25 >20	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1 current 0.9	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1 0.9	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2 0.7
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m method ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >25 >20	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1 current 0.9 10.4	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1 0.9 10.5	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2 0.7 9.6
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m method *ASTM D5185m ASTM D7844 *ASTM D7624 *ASTM D7415	2 0 50 0 950 1050 995 1180 2600 limit/base >25 >20 limit/base >3 >20 >30	current 0 2 61 <1 941 1048 980 1257 3038 current 7 2 <1 current 0.9 10.4 21.0	history1 0 0 57 <1 915 1021 962 1222 3401 history1 5 2 0 history1 0.9 10.5 21.7	history2 0 0 63 <1 994 1185 1092 1345 3726 history2 6 3 0 history2 0.7 9.6 19.8



OIL ANALYSIS REPORT

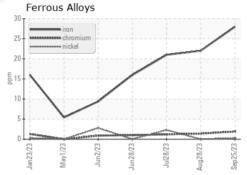


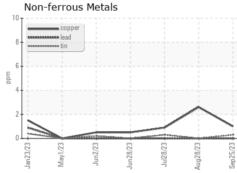


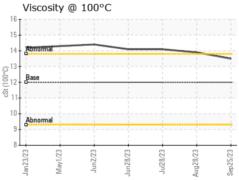
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

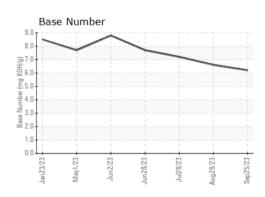
FLUID PROPERTIES		method				history2
Visc @ 100°C	cSt	ASTM D445	12.00	13.5	13.9	14.1

GRAPHS













Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : FLEET

: PCA0105854 : 05964144

: 10670695

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 28 Sep 2023

Diagnosed : 29 Sep 2023 Diagnostician : Wes Davis

4400 State Road 19 Windsor, WI US 53598 Contact: Mike Hurda mhurda@transervice.com

Transervice - Shop 1361 - Berkeley-Windsor

T: (608)846-2726 F: (608)846-0389

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)