

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Columbus Duron SHP Bulk Tank Bulk tank

PETRO CANADA DURON SHP 15W40 (---

Bulk Fluid Tank

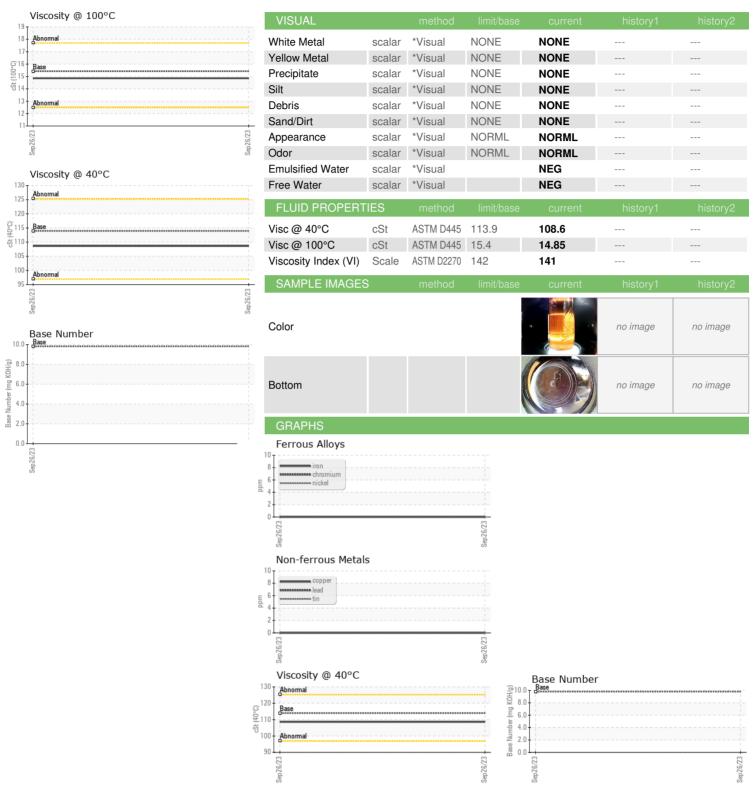
Recommendation

This is a baseline read-out on the submitted sample.

AL)				Sep 2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	IATION		IIIIIII Dase		· ·	
Sample Number		Client Info		SBP0004250		
Sample Date	,	Client Info		26 Sep 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		4		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	60	60		
Manganese	ppm	ASTM D5185m	0	0		
Magnesium	ppm	ASTM D5185m	1010	1028		
Calcium	ppm	ASTM D5185m	1070	1106		
Phosphorus	ppm	ASTM D5185m	1150	1099		
Zinc	ppm	ASTM D5185m	1270	1322		
Sulfur	ppm	ASTM D5185m	2060	3403		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		5		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0		
Nitration	Abs/cm	*ASTM D7624		4.2		
Sulfation	Abs/.1mm	*ASTM D7415		17.2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		12.9		



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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 05965843 : 10672394

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : SBP0004250 Received : 29 Sep 2023 Diagnosed : 04 Oct 2023

Diagnostician : Jonathan Hester Test Package: FLEET (Additional Tests: FT-IR, KV100, TBN, VI)

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)

Sapp Bros. Petroleum - Corporate - OMA

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