

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

ASRI-TRL-HTR-0008 ASRI-TRL-HTR-0008

Circulating System

CHEVRON DELO 400 SYNTHETIC 0W30 (10 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 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.

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SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HLC0002931	HLC0002596	HLC0001918
Sample Date		Client Info		22 May 2024	03 Dec 2023	10 Apr 2023
Machine Age	hrs	Client Info		83440	80424	77387
Oil Age	hrs	Client Info		3000	3037	3200
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		8	5	6
Chromium	ppm	ASTM D5185m		2	<1	<1
Nickel	ppm	ASTM D5185m		0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		1	2	0
Lead	ppm	ASTM D5185m		0	<1	0
Copper	ppm	ASTM D5185m		0	<1	<1
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		94	107	89
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	4	13
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		728	711	725
Calcium	ppm	ASTM D5185m		1419	1395	1296
Phosphorus	ppm	ASTM D5185m	1140	743	736	730
Zinc	ppm	ASTM D5185m	1130	854	863	870
Sulfur	ppm	ASTM D5185m		3398	2850	2946
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		9	6	4
Sodium	ppm	ASTM D5185m		3	0	2
Potassium	ppm	ASTM D5185m	>20	3	5	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.2	0.1	0.1
Nitration	Abs/cm	*ASTM D7624		8.3	7.7	7.8
Sulfation	Abs/.1mm	*ASTM D7415		16.7	16.5	18.2
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414		13.1	12.1	13.0
Acid Number (AN)	mg KOH/g	ASTM D8045			0.77	
Base Number (BN)	mg KOH/g	ASTM D2896	10	9.61	9.65	10.45
(211)			-			



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Lab Number : 06202144 Unique Number : 11069605

: HLC0002931 Received **Tested**

: 06 Jun 2024 : 11 Jun 2024 Diagnosed

: 11 Jun 2024 - Jonathan Hester Test Package : IND 2 (Additional Tests: FT-IR, KV100, PrtCount, TBN)

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PRUDOE BAY, AK

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

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