

OIL ANALYSIS REPORT

Sample Rating Trend



SHELL TELLUS S2 MX 46

Component Tank New (Unused) Oil Fluid SHELL TELLUS S2 MX 46 (--- GAL)

DIAGNOSIS

Recommendation

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

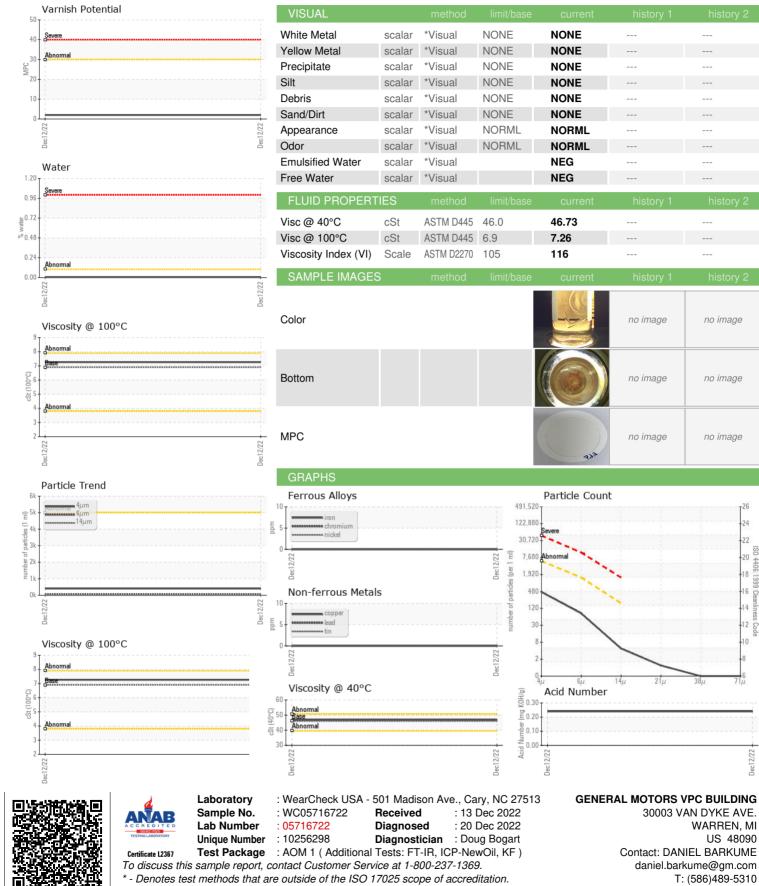
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WC05716722		
Sample Date		Client Info		12 Dec 2022		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>5	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	<1		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		48		
Phosphorus	ppm	ASTM D5185m		293		
Zinc	ppm	ASTM D5185m		342		
Sulfur	ppm	ASTM D5185m		938		
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon			>15	<1		
Sodium	ppm ppm	ASTM D5185m	>15	0		
Potassium		ASTM D5185m	>20	0		
Water	ppm %	ASTM D5105III	>20	0.005		
ppm Water	ppm	ASTM D0304 ASTM D6304		52.4		
FLUID CLEANLIN		method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647	>5000	401		
Particles >6µm		ASTM D7647		70		
Particles >14µm		ASTM D7647	>160	4		
Particles >21µm		ASTM D7647		1		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/13/9		
FLUID DEGRADA		method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.24		
MPC Varnish Potential	Scale	ASTM D7843	>15	2		
1:05:00) Bev: 1 Contact/Location: DANIEL BARKUME - GENWAR						

Report Id: GENWAR [WUSCAR] 05716722 (Generated: 07/06/2023 11:05:00) Rev: 1

Contact/Location: DANIEL BARKUME - GENWAR



OIL ANALYSIS REPORT



30003 VAN DYKE AVE.

daniel.barkume@gm.com

WARREN, MI

US 48090

no image

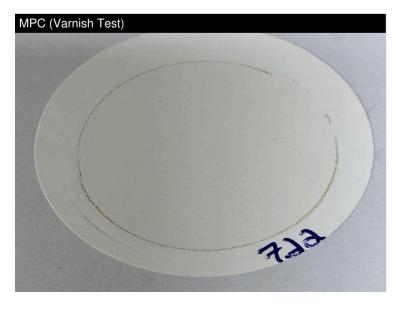
no image

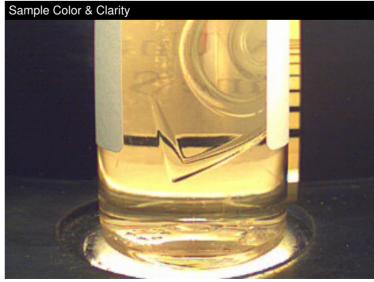
no image

20

18

4408





Report Id: GENWAR [WUSCAR] 05716722 (Generated: 07/06/2023 11:05:05) Rev: 1

This page left intentionally blank