

OIL ANALYSIS REPORT

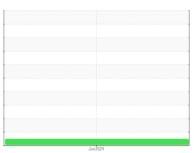
Sample Rating Trend

NORMAL

40 MILE [46004111] **TGY001233 - SHELL OMALA S5 WIND 320 (S/N BM0043)**

New (Unused) Oil

{not provided} (--- LTR)





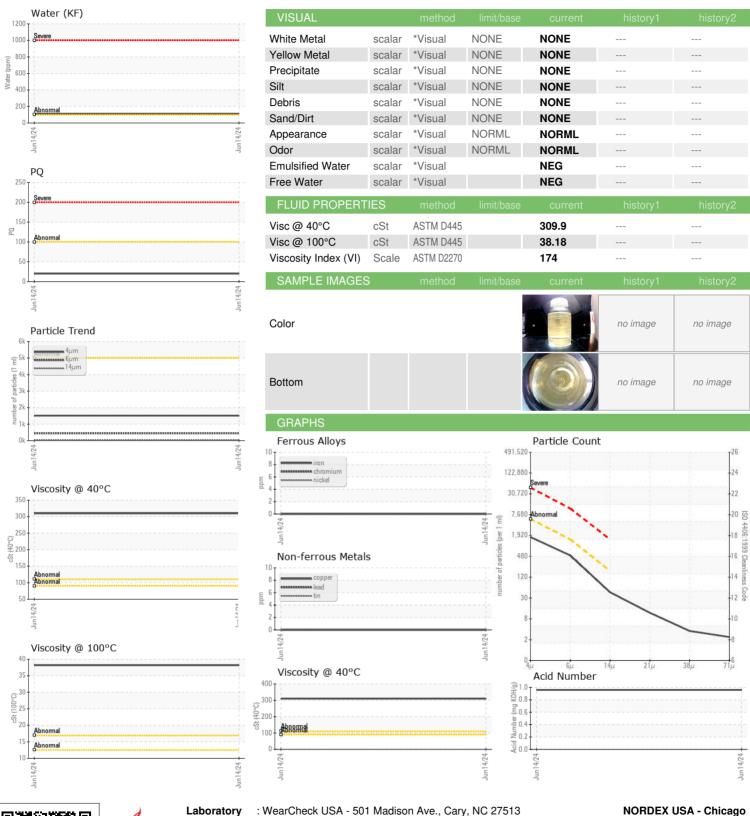
Recommendation

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX016823		
Sample Date		Client Info		14 Jun 2024		
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
PQ		ASTM D8184		20		
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		0		
		ASTM D5185m		0		
Lead	ppm	ASTM D5185m				
Copper	ppm			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		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		11		
Calcium	ppm	ASTM D5185m		5		
Phosphorus	ppm	ASTM D5185m		504		
Zinc	ppm	ASTM D5185m		<1		
Sulfur	ppm	ASTM D5185m		4071		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		2		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304		0.010		
ppm Water	ppm	ASTM D6304		108		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1514		
Particles >6µm		ASTM D7647	>1300	447		
Particles >14µm		ASTM D7647	>160	39		
Particles >21µm		ASTM D7647	>40	10		
Particles >38µm		ASTM D7647	>10	3		
Particles >71µm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/16/12		
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOU/a	VCTM D004E		0.06		



OIL ANALYSIS REPORT







Certificate 12367

Report Id: NORDEX [WUSCAR] 06234373 (Generated: 07/16/2024 16:02:43) Rev: 1

Laboratory Sample No.

: NX016823 Lab Number : 06234373 Unique Number : 11123207

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Received : 11 Jul 2024 **Tested** : 16 Jul 2024 Diagnosed : 16 Jul 2024 - Jonathan Hester

300 SOUTH WACKER DRIVE, SUITE 1500 CHICAGO, IL US 60606

Test Package : IND 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PQ, PrtCount, VI) Contact: DEVIN LINEHAN To discuss this sample report, contact Customer Service at 1-800-237-1369.

DLinehan@nordex-online.com T: (312)386-4124

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: DEVIN LINEHAN - NORDEX

F: (312)386-7102