

OIL ANALYSIS REPORT

Sample Rating Trend



P66 POWER DRIVE 50

Component
New (Unused) Oil
Fluid

{not provided} (--- GAL)

DIAGNOSIS

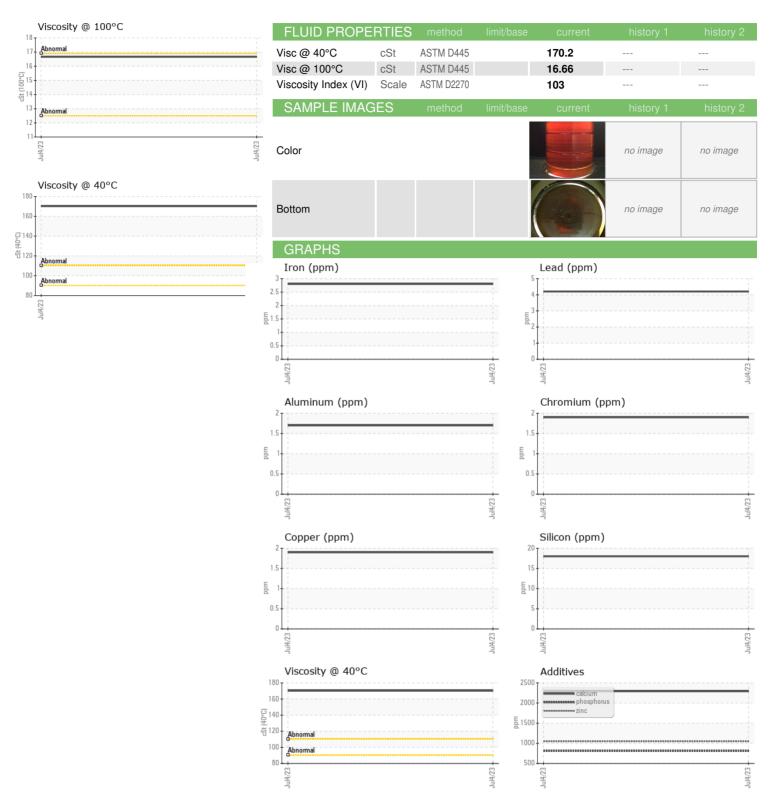
Recommendation

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

Sample Number Client Info PCA0092998							
Sample Number Client Info PCA0092998					Jul2023		
Client Info	SAMPLE INFOR	MATION	method	limit/base	current	history 1	history 2
Client Info	Sample Number		Client Info		PCA0092998		
Machine Age hrs Client Info 0 Dil Age hrs Client Info 0 Dil Changed Client Info N/A Sample Status NORMAL WEAR METALS method Imit/base current history Iron ppm ASTM D5185m 2 Chromium ppm ASTM D5185m 2 Nickel ppm ASTM D5185m 2 Silver ppm ASTM D5185m 2 Aluminum ppm ASTM D5185m 2 Lead ppm ASTM D5185m 2 Copper ppm ASTM D5185m 2 Tin ppm ASTM D5185m 2 Cadmium ppm ASTM D5185m 1 Cadmium ppm ASTM D5185m 0 </td <td></td> <td></td> <td>Client Info</td> <td></td> <td>04 Jul 2023</td> <td></td> <td></td>			Client Info		04 Jul 2023		
Dil Changed	•	hrs	Client Info		0		
Coli Changed Colient Info N/A Colient Info N/A Colient I							
NORMAL NORMAL NORMAL NORMAL NORMAL NORMAL	-				-		
Chromium	Sample Status						
Chromium	·	_S	method	limit/base	current	history 1	history 2
Chromium	Iron	maa	ASTM D5185m		3		
Nickel	Chromium		ASTM D5185m				
Description	Nickel				1		
ASTM D5185m 2							
ASTM D5185m 2	Silver						
Lead							
Copper							
ASTM D5185m 2					-		
Vanadium ppm ASTM D5185m 1 Cadmium ppm ASTM D5185m 2 ADDITIVES method limit/base current history 1 history 2 Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m 5 Molybdenum ppm ASTM D5185m 2 Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 2290 Calcium ppm ASTM D5185m 811 Phosphorus ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 11047 Sulfur ppm ASTM D5185m 18 CONTAMINANTS method limit/base current history 1							
ADDITIVES	****						
ADDITIVES							
Boron		ррпі	ASTIVI DO TOOTII		2		
Barium	ADDITIVES			limit/base	current	history 1	history 2
Molybdenum ppm ASTM D5185m 5 Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 56 Calcium ppm ASTM D5185m 2290 Phosphorus ppm ASTM D5185m 811 Zinc ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 4483 Sulfur ppm ASTM D5185m 18 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 3 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m 3 VISUAL method limit/base current history 1	Boron	ppm					
Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 56 Calcium ppm ASTM D5185m 811 Phosphorus ppm ASTM D5185m 1047 Zinc ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 4483 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 3 Sodium ppm ASTM D5185m >20 5 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal sca	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m 56 Calcium ppm ASTM D5185m 2290 Phosphorus ppm ASTM D5185m 811 Zinc ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 4483 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 3 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Yellow Metal <	Molybdenum	ppm	ASTM D5185m		5		
Calcium ppm ASTM D5185m 2290 Phosphorus ppm ASTM D5185m 811 Zinc ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 4483 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 3 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual	Manganese	ppm	ASTM D5185m		2		
Phosphorus ppm ASTM D5185m 811 Zinc ppm ASTM D5185m 1047 Sulfur ppm ASTM D5185m 4483 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 3 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE <	Magnesium	ppm	ASTM D5185m		56		
Time	Calcium	ppm	ASTM D5185m		2290		
Sulfur ppm ASTM D5185m 4483 CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 18 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML <t< td=""><td>Phosphorus</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>811</td><td></td><td></td></t<>	Phosphorus	ppm	ASTM D5185m		811		
CONTAMINANTS method limit/base current history 1 history 2 Silicon ppm ASTM D5185m 18 Sodium ppm ASTM D5185m 3 Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML	Zinc	ppm	ASTM D5185m		1047		
Silicon	Sulfur	ppm	ASTM D5185m		4483		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history 1	history 2
Potassium ppm ASTM D5185m >20 5 VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual NORML NEG	Silicon	ppm	ASTM D5185m		18		
VISUAL method limit/base current history 1 history 2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Sodium	ppm	ASTM D5185m		3		
White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Potassium	ppm	ASTM D5185m	>20	5		
Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	VISUAL		method	limit/base	current	history 1	history 2
Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	White Metal	scalar	*Visual	NONE	NONE		
Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Yellow Metal	scalar	*Visual	NONE	NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Precipitate	scalar	*Visual	NONE	NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Silt	scalar	*Visual	NONE	NONE		
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Debris			NONE	NONE		
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Sand/Dirt	scalar		NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual NEG	Appearance				NORML		
Emulsified Water scalar *Visual NEG							
	Free Water	scalar	*Visual		NEG		



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: 10539978

: PCA0092998 : 05889495

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

Diagnosed

: 03 Jul 2023 : 06 Jul 2023 Diagnostician : Doug Bogart

Test Package : MOB 1 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, 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)

PLOTE CONSTRUCTION

1100 BRANDT DRIVE HOFFMAN ESTATES, IL US 60192

Contact: Service Manager

T: F: