WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

OIL ANALYSIS REPORT

Machine Id

FORD 2014 F350

Gasoline Engine

RECOMMENDATION Cil and filter change at the time of compling has been noted. Becample						
Sample	UON	M Method	Limit/Abn	Current	History1	History2
	e Number	Client Info		TR04139964		
Oil and filter change at the time of sampling has been noted. Resample	e Date	Client Info		01 Dec 2016		
at the next service interval to monitor. Machin	ne Age mls	Client Info		19224		
Oil Age	e mls	Client Info		5626		
Filter A	Age mls	Client Info		5626		
Oil Cha	anged	Client Info		Changed		
Filter (Changed	Client Info		Changed		
Sampl	e Status			NORMAL		
WEAR	ppm	n ASTM D5185m	>150	50		
Chrom			>20	1		
All component wear rates are normal.	ppm			<1		
Titaniu				0		
Silver	ppm		>2	0		
Alumir				10		
Lead	ppm			<1		
Coppe				5		
Tin	ppm			4		
Vanad				0		
White			NONE	NONE		
Yellow			NONE	NONE		
CONTAMINATION Silicon	n ppm	n ASTM D5185m	>30	7		
Potass				4		
There is no indication of any contamination in the component.	%	ASTM D3524		<1.0		
Water	70	WC Method		NEG		
Glycol		WC Method	70.L	NEG		
Soot %		*ASTM D7844		0		
Nitratio				12.		
Sulfation				25.		
Silt	scal		NONE	NONE		
Debris			NONE	NONE		
Sand/I			NONE	NONE		
Appea			NORML	NORML		
Odor	scal		NORML	NORML		
	ied Water scal		>0.2	NEG		
FLUID CONDITION Sodiur	m ppm	n ASTM D5185m	~400	7		
FLUID CONDITION Sodiur Boron			>-r00	25		
The BN result indicates that there is suitable alkalinity remaining in the				<1		
oil. The condition of the oil is acceptable for the time in service. Molybo				120		
Manga				7		
Magne				16		
			4200	1776		
Calcius				608		
Calciui	ppiii			646		
Phosp	nnm		000	U-7U		
Phosp Zinc	ppm			2005		
Phosp Zinc Sulfur	ppm	n ASTM D5185m		2005 20		
Phosp Zinc Sulfur Oxidat	ppm tion Abs/.11	ASTM D5185m 1mm *ASTM D7414	15	20.		
Phosp Zinc Sulfur Oxidat Base Nu	ppm tion Abs/.11	ASTM D5185m 1mm *ASTM D7414 OH/g ASTM D2896				

Contact/Location: PHILIP HARDER - PHIMOU







Report Id: PHIMOU [WUSCAR] 04139964 (Generated: 02/13/2024 14:00:16) Rev: 1

Laboratory Sample No.

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

Lab Number : 04139964 Unique Number : 7663350

: TR04139964

Received **Tested** Diagnosed

: 11 Jan 2017 : 13 Jan 2017

: 13 Jan 2017 - Doug Bogart Test Package : MOB 2 (Additional Tests: FuelDilution, TAN Man) To discuss this sample report, contact Customer Service at 1-800-827-0711.

MOUNTAIN LAKE, MN US 56159 Contact: PHILIP HARDER philbren@frontiernet.net T: 5(07)227-6074

57803 350TH STREET

* - 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) **PHIL HARDER**