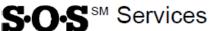


ZIEGLER S-O-S ANALYSIS LAB

901 WEST 94TH STREET MINNEAPOLIS,MN 55420-4299 (952) 888-4121 (800) 352-2812





ACTION

Sample For: USED AG PRIME (NON-AGCHEM)

DAVE HANSEN

INTERNAL ACCOUNT

Serial #:

C4800201

Manual Transmission

Sample #:

141010846

Compartment: Unit #:

D045051

Date Received: Oil Brand: 10/29/14 Caterpillar

Model #: 740

WO #: AH01973

Oil Blend: Oil Weight

80**W**90

USED AG PRIME (NON-AGCHEM)

CURRENT SAMPLE INFORMATION							WEAR METALS ANALYSIS							ARED		PHYSICAL						
Date Taken	Changed		Quarts	Meter	Meter	CU	FE	CR	AL	SI	PB Lead	NA Sodium	ANAI	YSIS	ISO	ISO μm μm			PQ-Ferrous	TESTS	Anti-	Н
	Oil	Fltr	Added	weter	Oil	PPM	PPM	PPM	PPM	PPM	PPM	PPM	Soot	Oxidation	Code	5	ит 10	ит 15	Debris	Viscosity	Freeze	Water
10/27/14	N			1360		14	_312	3	4	1	0	1	0	0	23/19	63212	25676	4672	210	14.6	N	N

Interpretation

The analysis of the oil sample taken from your Manual Transmission indicates that Iron is extremely high. When the MILES/HOURS ON OIL data are unknown, we use the full oil change interval to analyze the sample.

Recommendation

When you drain compartment, check for visible metal pieces and other abnormal conditions, also check magnetic drain plug. If no problem is found resample new oil after 100 hours.

Salesman's notes

This is a non filtered manual transmission. Iron wear is common in this compartment. Two years of trending indicates no failure and show normal wear. For questions call Justin Walker @ 515-957-3897

TRENDING SAMPLE INFORMATION							WEAR METALS ANAL					YSIS		INFRARED							PHYSICAL			
Date Taken	Changed		Quarts		Meter	CU	FE	CR	AL	SI	PB Lead	NA Sodium	ANA	LYSIS	ISO		UNT	um		TESTS		\vdash		
	Oil	Fltr	Oil Added	Meter	on Oil	PPM	PPM	PPM	PPM	PPM	PPM	PPM	Soot	Oxidation	Code	μm 5	µт 10	45	PQ-Ferrous Debris	Viscosity	Anti- Freeze	Water		
10/27/14	N			1360		14	312	3	4	1	0	1	0	0	23/19	63212	25676	4672	210	14.6	N	N		
7/18/14	N	N		1154		99	_732	8	42	10	0	3	0	0	23/22	57051	47108	32897	270	13.6	N	N		
8/17/12	N			555	555	89	279	3	32	7	2	6	O	0	24/24	99999	99999	99999	118	13.6	N	N		
CURRENT SAMPLE IS INCLUDED IN TRENDING										SEE REVERSE SIDE FOR TEST EXPLANATIONS											Щ			