


ACTION

Sample For: USED AG PRIME (NON-AGCHEM)
 DAVE HANSEN
 INTERNAL ACCOUNT

Serial #: C4800201
 Compartment: Manual Transmission
 Unit #: D045051
 Model #: 740
 WO #: AH01973

Sample #: 141010846
 Date Received: 10/29/14
 Oil Brand: Caterpillar
 Oil Blend:
 Oil Weight: 80W90

USED AG PRIME (NON-AGCHEM)

CURRENT SAMPLE INFORMATION					WEAR METALS ANALYSIS								INFRARED ANALYSIS		PARTICLE COUNT				PHYSICAL TESTS			
Date Taken	Changed		Quarts Oil Added	Meter	Meter on Oil	CU Copper PPM	FE Iron PPM	CR Chromium PPM	AL Aluminum PPM	SI Silicon PPM	PB Lead PPM	NA Sodium PPM	Soot	Oxidation	ISO Code	µm 5	µm 10	µm 15	PQ-Ferrous Debris	Viscosity	Anti-Freeze	Water
	Oil	Filtr																				
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 ANALYSIS								INFRARED ANALYSIS		PARTICLE COUNT				PHYSICAL TESTS			
Date Taken	Changed		Quarts Oil Added	Meter	Meter on Oil	CU Copper PPM	FE Iron PPM	CR Chromium PPM	AL Aluminum PPM	SI Silicon PPM	PB Lead PPM	NA Sodium PPM	Soot	Oxidation	ISO Code	µm 5	µm 10	µm 15	PQ-Ferrous Debris	Viscosity	Anti-Freeze	Water
	Oil	Filtr																				
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	0	0	24/24	99999	99999	99999	118	13.6	N	N
CURRENT SAMPLE IS INCLUDED IN TRENDING										SEE REVERSE SIDE FOR TEST EXPLANATIONS												