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*Utah Transit Oil Alarm Limits – **Ford Power Strokes*** *LubeDoc Alarm Series 08.10* *Date: 11/2008*

		6.0 & 7.3 Power Stroke Diesel			4R100 Transmission		
Elements		Normal	Abnormal	Critical	Normal	Abnormal	Critical
Fe	Iron	<75	75-150	>150	<250	250-350	>350
Cr	Chromium	<5	5-20	>20	<15	15-30	>30
Pb	Lead	<15	15-25	>25	<200	200-300	>300
Cu	Copper	<15	15-25	>25	<200	200-300	>300
Sn	Tin	<5	5-15	>15	<20	20-40	>40
Al	Aluminum	<10	10-20	>20	<25	25-50	>50
Ni	Nickel	*	*	*	<10	10-20	>20
Ag	Silver	*	*	*	<20	20-40	>40
Mn	Manganese	<2	2-6	>6	<2	2-6	>6
Si	Silicon	<15	15-25	>25	<20	20-30	>30
B	Boron	>85	85-60	<60	<30	>30	-
Na	Sodium	<15	15-30	>30	50	50-100	>100
Mg	Magnesium	<600	600-300	<300	<20	20-40	>40
Ca	Calcium	>200	200-130	<130	>1800	1800-1400	<1400
Ba	Barium	*	*	*	*	*	*
P	Phosphorus	>1000	1000-750	<750	>1000	1000-750	<750
Zn	Zinc	>900	900-700	<700	>1000	1000-800	<800
Mo	Molybdenum	<15	15-40	>40	<15	15-40	>40
Ti	Titanium	*	*	*	<5	5-10	>10
V	Vanadium	*	*	*	*	*	*
K	Potassium	<5	5-10	>10	<5	5-10	>10
Viscosity		12.5-16.2	< 12.5/> 16.2	<10.5/>18.2	5.5-6.8	4.5-5.5/6.9-7.5	<4.5/>7.5
Water		<.1	.1 to .3	>.3	<.1	.1-.10	>1.0
Soot %		<3.0	3.0-4.5	>4.5	NA	NA	NA
Fuel Dilution %		<2	2 - 2.5	>2.5	NA	NA	NA
Glycol		<.2	.2-.5	>.5	Trace	Trace	Trace
Nitration		<14	14-25	>25	<14	14-25	>25
Oxidation		<15	15-25	>25	<20	20-30	>30
TAN "Total Acid #"		<3.5	3.5-4.0	>4.0	<3.5	3.5-4.0	>4.0
TBN "Total Base #"		>4.0	3.5-4.0	<3.5	NA	NA	NA
Karl Fisher PPM (Purple Test)		N/A	N/A	N/A	<1000	1000-9000	>9000
Particle Count (Purple Test)		N/A	N/A	N/A	<24/23/22	24/23/22	>26/25/24

Note: This table should be used as a general guide only. These are recommendations for Ford 1-Ton Applications.
Note: * Lab test for these elements, but they are not normally found in engines applications.
Note: Purple Test are used for ISO Particle Count values, this test is only used as an alternate to the Yellow Test Package.