

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	11,089	UNIT / LOCATION AVERAGES	9,996	11,395	9,736	8,764	8,221	UNIVERSAL AVERAGES
	MI/HR on Unit	200,000		188,911	178,915	167,520		149,020	
	Sample Date	7/29/2015		8/2/2014	2/8/2014	6/9/2013	10/14/2012	3/16/2012	
	Make Up Oil Added	0 qts		0 qts		0 qts	0 qts	0 qts	
ALUMINUM	19	5	4	3	4	7	3	3	
CHROMIUM	0	1	1	1	1	1	0	1	
IRON	18	15	18	18	19	19	16	25	
COPPER	4	3	2	3	3	3	3	5	
LEAD	4	2	1	2	2	2	2	2	
TIN	1	1	0	0	0	4	0	1	
MOLYBDENUM	5	6	4	5	0	1	1	38	
NICKEL	0	0	0	0	0	0	0	0	
MANGANESE	0	0	0	0	0	0	0	0	
SILVER	3	3	3	3	3	4	3	1	
TITANIUM	0	0	0	0	0	0	0	2	
POTASSIUM	9	8	7	5	11	7	12	6	
BORON	24	23	25	24	25	28	25	82	
SILICON	4	4	4	4	4	5	5	5	
SODIUM	5	17	5	5	0	5	4	5	
CALCIUM	2337	2288	2573	2334	2512	2624	2457	2188	
MAGNESIUM	8	84	10	9	12	11	12	438	
PHOSPHORUS	932	1024	1037	974	1061	1099	1009	1110	
ZINC	1149	1190	1277	1107	1308	1352	1115	1299	
BARIUM	0	0	0	0	0	0	0	0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	77.9	69-80	78.2	80.3	76.5	77.1	77.9
	cSt Viscosity @ 100°C	14.99	12.7-15.8	15.07	15.61	14.64	14.78	14.99
	Flashpoint in °F	415	>410	445	440	445	455	435
	Fuel %	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	0.0	0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.3	0.2	0.2	0.3	0.3
	TBN	7.2	>1.0	7.5	5.4	4.9	6.7	7.4
	TAN							
	ISO Code							