

DATE SAMPLED		24-Feb-12	24-Feb-12	28-Dec-11	27-Dec-11	18-Dec-11	17-Dec-11
DATE RECEIVED		29-Feb-12	29-Feb-12	06-Jan-12	29-Dec-11	06-Jan-12	29-Dec-11
DATE REPORTED		29-Feb-12	29-Feb-12	06-Jan-12	06-Jan-12	06-Jan-12	03-Jan-12
SIF NO.		7754972	7693161	11497269	11471463	11497268	11471461
COMPARTMENT	Hrs	0					
OIL	Hrs	0					
OIL BRAND		Castrol	Castrol	Shell	Shell	Elf	Elf
OIL TYPE		Castrol	Castrol	Advance VSX4	Advance VSX4	Elf	Elf
OIL GRADE		10W40	10W40	15W50	15W50	10W40	10W40
OIL ADDED		0.0					
FILTER		Not Applicable		0			
OIL CHANGED							
WO NUMBER							
Metals (ppm)							
Aluminium (Al)		1	1	1	1	1	1
Copper (Cu)		<1	<1	<1	<1	1	2
Chromium (Cr)		<1	<1	<1	<1	<1	<1
Iron (Fe)		1	1	1	1	1	1
Lead (Pb)		<1	<1	<1	<1	1	2
Tin (Sn)		<1	<1	<1	<1	<1	<1
Nickel (Ni)		<1	<1	<1	<1	<1	<1
Contaminants (ppm)							
Silicon (Si)		10	10	<1	<1	3	2
Boron (B)		451	451	81	86	<5	<5
Sodium (Na)		2	2	8	10	1	2
Potassium (K)		2	2	5	2	2	2
Phosphorus (P)		1012	989	1030	970	979	1038
Molybdenum (Mo)		<1	<1	13	14	<1	<1
Magnesium (Mg)		10	10	22	22	9	8
Calcium (Ca)		2121	2094	3394	3244	1903	2023
Zinc (Zn)		1215	1178	1237	1018	1107	1185
Physical Tests							
Water (%)		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Viscosity (cSt,40°C)		112	113	132	129	92	93
Viscosity (cSt,100°C)		15.8	16.0	17.9	18.2	13.9	13.7
PQ Index		<10	<10	<10	<10	<10	<10
TAN mgKOH/g (ASTM D664)		N/A	N/A	N/A	N/A	N/A	N/A
Total Base Number (by FTIR)		9.7	9.7	13.0	12.5	8.0	8.3
Viscosity Index (ASTM D2271)		153.0	151.0	151.0	158.0	154.0	149.0
Oxidation (Abs)		10.7	10.7	8.3	8.4	6.7	6.7