

SEQUENCE IIIE

CURRENT STATISTICS
REFERENCE OIL 402

VALVE LIFTER AND CAMSHAFT WEAR DATA
(All Measurements, micrometers)

Client Oil Code: QM-ETSR692101-A-1 Test No.: IIIE-76-4-970
SWRI Code: LO-56456

Number	Camshaft Lobe	Valve Lifter	Combined Lifter & Cam Lobe Wear
1	0	5	5
2	0	0	0
3	0	0	0
4	8	3	11
5	0	5	5
6	0	3	3
7	0	3	3
8	0	5	5
9	0	3	3
10	5	0	5
11	0	8	8
12	0	0	0
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Maximum	8	8	11
Minimum	0	0	0
Average	1.1	2.9	4.0

PARAMETER	MEAN	STANDARD DEVIATION	ACCEPTANCE BANDS
AVERAGE PISTON VARNISH	8.90	0.220	8.51-9.29
AVERAGE ENGINE SLUDGE	9.39		9.18-9.55
MAX CAMSHAFT + LIFTER WEAR	90		12-**
HOURS TO 375% VISCOSITY	61.2	7.19	48.6-73.7
AVG CAMSHAFT + LIFTER WEAR	33.9		7.8-147.8
OIL RING LAND DEPOSIT	6.71	1.050	4.87-8.56

-88%

