

**Sequence VH O&H Panel Meeting**  
**March 12<sup>th</sup>, 2024 3PM EST via Teams**

**Attendees:**

**Overview:**

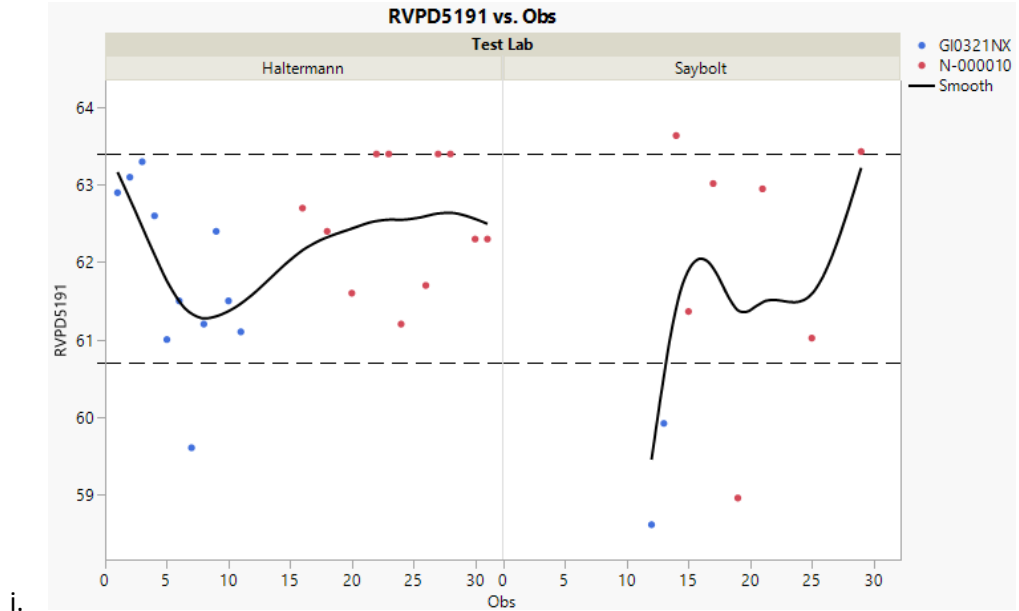
1. Fuel Analysis
2. Cam Bearings
3. Build Workshop
4. Hardware
5. Operation

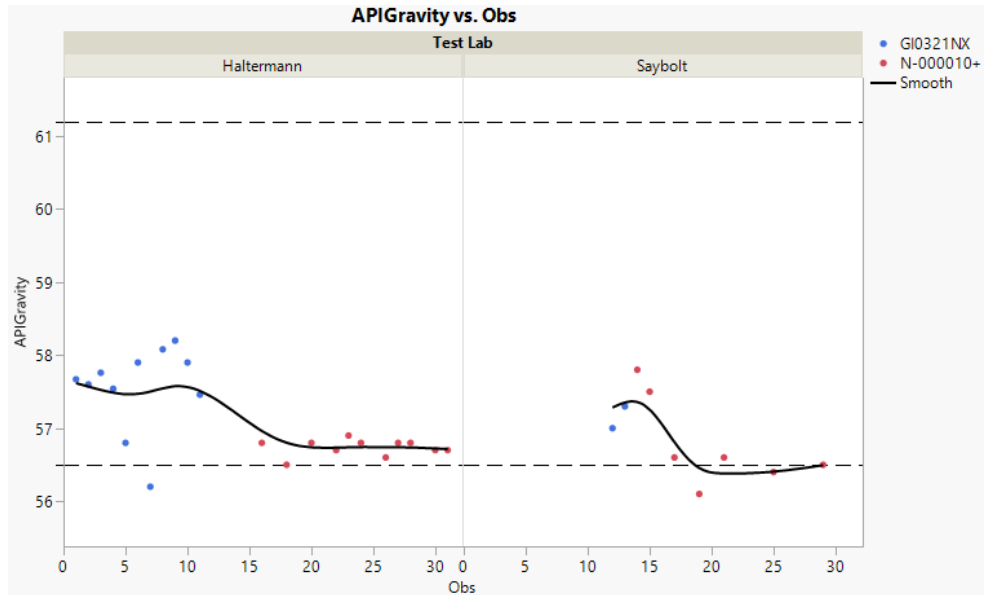
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Topics:

**1. Fuel Analysis**

- a. SwRI to send out data, Afton to coordinate DHA data into Lubrizol's table format
- b. This group agrees that the data and subsequent analysis need to stay within the O&H group prior to any conclusions or decisions in the larger Surveillance Panel
- c. Share data to Indresh
- d. Request support from Stats Group via Amanda Stone
  - i. Do all samples meet CofA?
  - ii. Compare three families of data GI, N-10, N-10-1+ batches
  - iii. Within the N-10-1+ batches, does anything pop out as trending in a direction
  - iv. Open to suggestions on handling DHA results
  - v. Once differences are identified, can we tie these observations to VH severity? AES, fuel dilution, OSCR, APV etc
- e. Preview of data shown in 3/11 SP call:





- ii.
- f. Group agreed to a coordinated reference with the latest fuel batch
  - i. Targeting after build workshop to hopefully address fuel and hardware
- g. Quarterly samples to be modified per Mike's request
  - i. **MOTION: (Maddock / Need Second)** Obtain fuel samples from in the testcell during the first reference of each quarter. If no reference is planned, please simply take a quarterly fuel sample from in the test cell. Modify Section 8.2.6 to reflect desired changes.
- h. Lab fuel storage type
  - i. Afton: Underground
  - ii. Intertek: Underground
  - iii. Lubrizol: Underground
  - iv. SWRI: Above ground but shaded
  - v. Valvoline: Underground

## 2. Cam Bearings

- a. Motion passed at Panel, King is a valid supplier and this topic will be removed from O&H
- b. Group agreed that these will simply roll into service at lab's discretion
- c. ~600 sets were purchased by TEI

## 3. Build Workshop Date

- a. Dan mentioned that hone and build could take longer than 4 hours and that we should plan to finish early Wednesday morning if needed
- b. Ben to send out Workshop guidance document similar to Seq X Workshop
  - i. Two column page with procedure on left and space for notes on right
  - ii. Add discussion topics in relevant areas to encourage conversation
- c. Amol confirmed two Valvoline build technicians will attend

4. **Hardware**

a. FCS Order

- i. See attached spreadsheet.
- ii. **Labs, please complete a first pass at estimating inventory gaps by next Tuesday's meeting so that we can have an educated discussion on the real need**

iii. Pistons

	Nominal Piston		H858CP Nominal-Sealed Power
3U1E-6110-AB	PISTONS 0.125	Federal Mogul VG piston	
YU1L-6110-BC	PISTONS 0.250	Federal Mogul VG piston	
3U1E-6110-BB	PISTONS 0.375	Federal Mogul VG piston	
YU1L-6110-CC	PISTONS 0.5	Federal Mogul VG piston	H858CP .50MM oversize-Sealed Power
	0.75MM oversize		H858CP .75MM oversize-Sealed Power
	1.0MM oversize		H858CP 1.00MM oversize- Sealed Power

- 1. Mike has been navigating his list of contacts at Federal Mogul to setup a batch purchase
- 2. Rings are manufactured by Mahle
- 3. Amol voiced a concern from previous purchases about a difference in piston skirt
- 4. Pistons must be uncoated
- 5. Run 5 and 6 on block (0.75 and 1mm oversize)
  - a. Afton is interested in pursuing this as it could extend their existing block count through 2028.
  - b. Piston Size by Severity
    - i. SwRI & TMC have had a look but found no strong correlations with existing sizes
  - c. Headgaskets are at risk
- 6. Ford Reman Offer
  - a. Ford suggested but AI indicated all that we would need are the blocks that they may be holding on to given that each lab already rebuilds the engine per test start
  - b. Mike to explore quantity and viability of purchasing blocks from Ford Reman company

iv. Oil Pumps

- 1. Also a concern by Intertek and added to FCS order

b. Honing Stones

- i. Afton identified difference in Sunnen honing stone part numbers (JHU-725 vs JHU-623). More details to follow on 3/12 call

RE: JHU623 vs JHU725 Stones

Customer Service Technician

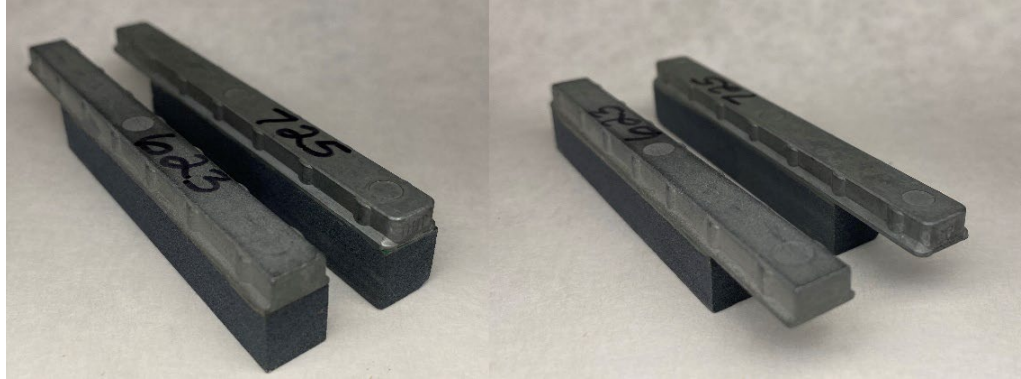
To ● Maddock, Ben

Mon 11:55 AM

i You replied to this message on 3/11/2024 12:25 PM.

I am sorry I have no information that a JHU-725 was ever made, but if it was the only difference would be the 725 is a 320-grit med hard and the 623 is a 280 grit slightly softer. Sorry I could not have had more information for you.

- ii. Doug



iii.

RE: JHU623 vs JHU725 Stones



Customer Service Technician  
To Maddock, Ben



12:52 PM

I showed the picture to a couple of the older techs that have been here over 30 years neither have seen the 725. The difference in the two grits would be if honing cast iron the JHU-725 would have a Ra around 10, and the JHU623 should have an Ra around 12.

Hope this helps  
Doug

iv.

- v. Discuss at build workshop, consider honing half of cylinders with the 725 vs 623 to verify change in grit can be accounted for by load/stroke count to meet surface finish spec
- vi. Ben to analyze stones with Metrology equipment and report back to the group

## 5. Operation

- a. Operational Data study: N-000010-1 Fuel Approval Matrix vs Precision Matrix Data Sets
  - i. Rich to source the template previously used to facilitate easier analysis and comparison
- b. Historical
  - i. [Sequence VH Operational Data Review20170502.pdf \(astmtmc.org\)](#)
  - ii. [VH Severity Task Force20220309.pdf \(astmtmc.org\)](#)
- c. Oil Screen Clogging
  - i. Rich to set targets with PM data and add a Control Chart to TMC website
  - ii. Rater Workshop is ongoing and will evaluate the precision of the raters to correctly identify the percentage of oil screen clogging across a number of examples
  - iii. Commentary around applicability of this parameter
    - 1. Ford indicated oil screens are typically designed at 3x the volume required to fill the pump
    - 2. 99% in theory shouldn't have oil pressure yet engines continue to run
    - 3. Is there a better way to measure this parameter?

VGO PRICE LIST  
4.6L ENGINE  
March 12, 2024



Ford Component Sales, LLC

Current Ford Service Part Number	Current Ford Engineering Part Number	Description	Price	Minimum Order Quantity	Order Quantity Multiple	Lead Time (Business Days)	Lead Time (Calendar Days)	Ship Location	Country of Origin	Lubrizonol - Parts to Order	Lubrizonol - Unit Cost	Intertek - Parts to Order	Intertek - Unit Cost	SWRI - Parts to Order	SWRI - Unit Cost	Alton - Parts to Order	Alton - Unit Cost	Ashland - Parts to Order	Ashland - Unit Cost
6L3E6148DA	6L3E6148DA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX	\$ -	-	800	\$ 51,024.00	\$ -	-	\$ -	-	\$ -	-
6L3E6148EA	6L3E6148EA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX	\$ -	-	800	\$ 51,024.00	\$ -	-	\$ -	-	\$ -	-
6L3E6148FA	6L3E6148FA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX	\$ -	-	800	\$ 51,024.00	\$ -	-	\$ -	-	\$ -	-
6L3E6148GA	6L3E6148GA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX	\$ -	-	800	\$ 51,024.00	\$ -	-	\$ -	-	\$ -	-
YU1L6110AB	YU1L6110AB	PISTON, 0.125 mm	\$ 58.45	12	12	27	38	ADRIAN MI	MX	\$ -	-	720	\$ 42,084.00	\$ -	-	\$ -	-	\$ -	-
YU1L6110BB	YU1L6110BB	PISTON, 0.25 mm	\$ 58.45	12	12	27	38	ADRIAN MI	MX	\$ -	-	720	\$ 42,084.00	\$ -	-	\$ -	-	\$ -	-
YU1L6110BC	YU1L6110BC	PISTON, 0.375 mm	\$ 58.45	12	12	27	38	ADRIAN MI	MX	\$ -	-	720	\$ 42,084.00	\$ -	-	\$ -	-	\$ -	-
YU1L6110CC	YU1L6110CC	PISTON, 0.50 mm	\$ 58.45	12	12	27	38	ADRIAN MI	MX	\$ -	-	720	\$ 42,084.00	\$ -	-	\$ -	-	\$ -	-
		Oil Pump																	
										Total	\$ -	Total	\$ 372,432.00	Total	\$ -	Total	\$ -	Total	\$ -

Other Conditions:  
 - Product sold by FCS will be "as-is" with no warranty liability except as specified by FCS  
 - MOQ's and Lead Time is TBD  
 - Terms for this sale will be Cash in Advance (CIA) and FOB plant/supplier  
 - Please forward all purchase orders to: fcsorders.com with copies to: wjakub1@ford.com, fcsorder@ford.com

H858CP .50MM

Sealed Performance  
H858CP  
H858CP 1.00MM

Standard bore

Current Ford Service Part Number	Current Ford Engineering Part Number	Description	Price	Minimum Order Quantity	Order Quantity Multiple	Lead Time (Business Days)	Lead Time (Calendar Days)	Ship Location	Country of Origin	Lubrizonol - Parts to Order	Lubrizonol - Unit Cost	Intertek - Parts to Order	Intertek - Unit Cost	SWRI - Parts to Order	SWRI - Unit Cost	Alton - Parts to Order	Alton - Unit Cost	Ashland - Parts to Order	Ashland - Unit Cost
		Block								\$ -	-	\$ -	-	0	\$ -	\$ -	-	\$ -	-

\* Supporting hardware will be added to this list at a later date



VGO PRICE LIST  
ENGINE

4.6L  
MARCH

Ford Component Sales, LLC

20, 2014

Current Ford Service Part Number	Current Ford Engineering Part Number	Description	Price	Minimum Order Quantity	Order Quantity Multiple	Lead Time (Business Days)	Lead Time (Calendar Days)	Ship Location	Country of Origin
1L2Z6250AA	1L2E6250DA	CAMSHAFT	\$ 128.75	200	200	28	39	ADRIAN MI	US
1L2Z6250DA	1L2E6A274CA	CAMSHAFT	\$ 118.59	240	240	28	39	ADRIAN MI	US
1L2Z6L253AA	1L2E6L253AA	ARM - TENSIONER	\$ 16.25	150	150	28	39	DEARBORN MI	US
1L2Z6L253BA	1L2E6L253BA	ARM - TENSIONER	\$ 16.25	150	150	28	39	DEARBORN MI	US
1L2Z678AB	1L2E19A216AC	PULLEY	\$ 27.74	24	24	33	46	DEARBORN MI	CA
1L3Z6L266AA	1L3E6L266AG	TENSIONER - TIMING CHAIN	\$ 36.72	250	250	38	54	DEARBORN MI	US
1W7Z6312AA	1W7E6316AK	PULLEY - CRANKSHAFT	\$ 52.48	24	24	28	39	DEARBORN MI	US
1W7Z6B288AB	1W7E6B288AB	SENSOR ASY	\$ 23.22	24	24	48	68	DEARBORN MI	MX
1W7Z6C315AB	1W7E6C315AA	SENSOR - CRANKSHAFT POSITION - CPS	\$ 25.08	24	24	38	53	DEARBORN MI	MX
2L3Z6B209CA	2L3E6B209AB	TENSIONER	\$ 49.68	360	360	43	61	DEARBORN MI	CA
391186S101	391186S101	PLUG - ENGINE	\$ 1.80	183	183	28	39	DEARBORN MI	US
3L2Z6345AA	3L2E6K258AA	STUD	\$ 6.26	200	200	49	69	DEARBORN MI	US
3L2Z6345AAA	3L2E6345AA	BOLT - BEARING CAP - HEX. HEAD	\$ 8.02	600	600	38	54	CLEVELAND OH	US
3L3Z6710AA	3L3E6710AB	GASKET - OIL PAN	\$ 26.99	60	60	38	54	PARIS TN	US
3W7Z6625AA	3W7E6625A3A	GASKET	\$ 3.01	72	24	28	39	DEARBORN MI	US
3W7Z6E078AA	3W7E6G050AA	KIT - GASKET	\$ 48.76	24	24	38	54	DEARBORN MI	US
4C2Z9439CC	4C2E9439CC	GASKET - INTAKE MANIFOLD	\$ 37.04	24	24	28	39	DEARBORN MI	US
4R3Z6B274BA	4R3E6B274BB	GUIDE	\$ 19.41	150	150	28	39	DEARBORN MI	US
4R3Z6M256CC	4R3E6M256CC	GUIDE	\$ 18.38	150	150	38	54	DEARBORN MI	US
4W7Z9430AA	4W7E9430AB	MANIFOLD ASY - EXHAUST	\$ 61.08	24	24	63	89	DEARBORN MI	CN
4W7Z9431AA	4W7E9431AB	MANIFOLD ASY - EXHAUST	\$ 64.12	24	24	63	89	DEARBORN MI	CN
4W7Z9B659CA	4W739R530AA	HOSE - AIR	\$ 42.43	24	24	38	54	DEARBORN MI	US
5C2Z9E936BA	5C2E9E930CA	SPACER	\$ 9.97	24	24	28	39	DEARBORN MI	US
5C3Z6211AB	5C3E6211BB	BEARING - CONNECTING ROD	\$ 10.32	24	24	38	54	DEARBORN MI	US
5L3Z6600AA	5L3E6621AA	PUMP ASY - OIL	\$ 62.98	24	24	28	39	ADRIAN MI	US
5R3Z6065AA	5R3E6065AA	BOLT - HEX.HEAD	\$ 24.61	90	90	49	69	WARREN MI	US
5W7Z6268AA	5W7E6268AA	CHAIN - TIMING	\$ 44.10	324	324	38	54	DEARBORN MI	US
5W7Z8501AA	9W7E8501AA	PUMP ASY - WATER	\$ 59.91	56	56	65	91	ADRIAN MI	CA
5W7Z8C387AA	5W7E8C387AA	GASKET	\$ 3.24	1500	1500	28	39	Lynchburg, VA	US
5W7Z8C388AA	5W7E8C388AA	GASKET	\$ 3.24	1500	1500	28	39	Lynchburg, VA	US
5W7Z9F792AC	5W7E9F792AD	MANIFOLD ASY - FUEL SUPPLY	\$ 194.09	24	24	38	54	LIGONIER IN	US
6L3E6148DA	6L3E6148DA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX
6L3E6148EA	6L3E6148EA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX
6L3E6148FA	6L3E6148FA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX
6L3E6148GA	6L3E6148GA	PISTON RING	\$ 63.78	12	12	27	38	ADRIAN MI	MX
6L3Z6K301AA	6L3E6K318AB	RETAINER - CRANKSHAFT OIL SEAL	\$ 24.08	24	24	38	53	ADRIAN MI	MX
6U5Z9278D	6U5T9278DB	SWITCH ASY - OIL PRESSURE	\$ 19.42	275	275	28	39	DEARBORN MI	US
6W7Z6019AA	6W7E6C086AA	COVER - CYLINDER FRONT	\$ 133.52	28	28	28	39	ADRIAN MI	US
6W7Z6505BA	6W7E6505BA	VALVE - EXHAUST	\$ 9.80	24	24	38	54	ADRIAN MI	US
7U2Z12029B	7U2J12029AB	COIL ASY - IGNITION	\$ 58.99	12	12	85	119	DEARBORN MI	CN
9L3Z8592B	9L3E8594BA	CONNECTION - WATER OUTLET	\$ 7.05	48	24	106	149	ADRIAN MI	CN
9W7Z6051A	9W7E6051AB	GASKET - CYLINDER HEAD	\$ 44.14	24	24	28	39	DEARBORN MI	US
9W7Z6051B	9W7E6083AB	GASKET - CYLINDER HEAD	\$ 49.04	24	24	28	39	DEARBORN MI	US
9W7Z6079A	9W7E6079AA	KIT - GASKET #1	\$ 222.36	24	24	49	69	ADRIAN MI	US
9W7Z8509A	9W7E8A528AA	PULLEY - FAN	\$ 17.36	24	24	43	61	ADRIAN MI	CA
9W7Z9424A	9W7E9424AA	MANIFOLD ASY - INLET	\$ 202.28	24	24	49	69	DEARBORN MI	US
AGSF22FM1	YL3E12405BB	SPARK PLUG	\$ 2.89	96	96	28	39	MEXICALI BAJA CALIFC	US
AGSF32PM	BU2J12405AA	SPARK PLUG	\$ 2.55	96	96	28	39	DEARBORN MI	US
BL2Z6D309A	BL2E6D309AA	BEARING - CRANKSHAFT MAIN	\$ 3.58	72	24	38	54	ADRIAN MI	US
BL2Z6D309B	BL2E6D309BA	BEARING - CRANKSHAFT MAIN	\$ 5.43	48	24	38	54	ADRIAN MI	US
BL3Z626A	W715986S900	PLUG - ENGINE	\$ 1.07	192	24	28	39	ADRIAN MI	US
BR3Z6A341A	BR3E6A341BA	WASHER - CRANKSHAFT MAIN BRG THRUST	\$ 5.62	48	24	28	39	DEARBORN MI	US
DC2Z10346A	DC2T10300AA	ALTERNATOR ASY	\$ 114.33	24	24	17	24	ADRIAN MI	US
F1AZ620A	F1AE6D081AD	GASKET	\$ 5.83	1200	1200	38	54	PARIS TN	US
F1AZ6278A	N806164S	WASHER - FLAT	\$ 4.92	48	24	28	39	Redford MI	US
F1AZ6378A	N806165S2	WASHER	\$ 6.11	280	280	28	39	Redford MI	US
F1AZ6518A	F1AE6518BA	KEY	\$ 2.57	12000	12000	28	39	MILWAUKEE WI	US
F1S29F472A	F05F9F472AA	SENSOR ASY	\$ 33.27	100	100	49	69	DEARBORN MI	US
F1VY8255A	N806807S	SEAL - THERMOSTAT	\$ 4.37	206	206	28	39	DEARBORN MI	US
F1VY8507A	391108S	GASKET - WATER PUMP	\$ 14.25	780	780	48	68	MISSISSAUGA ON	MX
F2AZ6397A	N807198S	SLEEVE - GUIDE	\$ 6.93	800	800	28	39	ADRIAN MI	US
F3AZ6200A	F3AE6200AA	ROD - CONNECTING	\$ 23.18	24	24	28	39	ADRIAN MI	US
F3AZ6265A	F4AE6265AA	SPACER	\$ 7.97	48	24	38	54	ADRIAN MI	US
F3LY6214A	F2LE6214BA	BOLT - CONNECTING ROD	\$ 6.47	156	156	28	39	DEARBORN MI	US
F4AZ6571A	F4AE6A517AA	SEAL - VALVE STEM	\$ 15.91	24	12	38	54	MILAN OH	US
F4AZ6701A	F3AE6701BA	SEAL ASY - CRANKSHAFT OIL	\$ 12.75	234	234	28	39	ADRIAN MI	US
F5AZ6700A	F3AE6700AC	SEAL ASY - CRANKSHAFT OIL - FRONT	\$ 7.61	464	464	28	39	ADRIAN MI	US
F5TZ6A785A	F57E6A785AC	SEPERATOR ASY - OIL	\$ 39.99	100	100	49	69	DEARBORN MI	US
F65Z6310A	F65E6310AB	SLINGER	\$ 6.83	468	468	28	39	ADRIAN MI	US
F65Z6840A	F65E6A636CA	GASKET	\$ 8.85	424	424	28	39	Lynchburg, VA	US
F6AZ6514AC	F6LE6514AC	RETAINER - VALVE SPRING	\$ 5.71	48	24	28	39	ADRIAN MI	US
F6AZ6584AA	F6AE6584BA	GASKET - VALVE ROCKER ARM COVER	\$ 17.09	100	100	38	54	ADRIAN MI	US
F6AZ6584BA	F6AE6A559EA	GASKET - VALVE ROCKER ARM COVER	\$ 17.09	100	100	38	54	ADRIAN MI	US
F6DZ6C501A	F65E6C501AA	TAPPET - VALVE	\$ 8.64	241	241	28	39	DEARBORN MI	US
F8AZ6256AA	F8AE6256AA	SPROCKET - CAMSHAFT	\$ 18.14	320	320	31	44	DEARBORN MI	US
F8AZ6256BA	F8AE6256BA	SPROCKET - CAMSHAFT	\$ 20.44	320	320	31	44	DEARBORN MI	US
F8AZ6564AA	F6TE6529AB	ARM ASY - VALVE ROCKER	\$ 11.93	160	160	38	54	DEARBORN MI	US
F8AZ6A008AA	W704594S300	DOWEL - PIN	\$ 4.65	463	463	28	39	ADRIAN MI	US
F8PZ12259LA	F8PE12259LA	KIT	\$ 55.43	6	6	48	68	DEARBORN MI	MX
FOTZ9F593DA	F0TE9F593D9B	INJECTOR ASY	\$ 75.14	10	10	74	104	DEARBORN MI	ES
N60652752	N60652752	BOLT - FLANGED HEX.	\$ 1.93	470	470	28	39	Redford MI	US
N80495858	N80495852	SCR&WSHR M6X1.0X22.5 HEX HD PIL 9	\$ 1.80	405	405	28	39	Redford MI	US
N806040S	N806040S	DOWEL	\$ 12.29	72	72	28	39	Redford MI	US
N806154S437	N806154S437	SCREW	\$ 1.93	845	845	28	39	Redford MI	US
N806155S437	N806155S437	SCREW	\$ 1.93	1333	1333	28	39	Redford MI	US
N806177S437	N806177S437	BOLT - HEX. HEAD - FLANGED	\$ 5.30	450	450	28	39	Redford MI	US
N806183S437	N806183S437	BOLT	\$ 4.34	855	855	28	39	Redford MI	US
N806300S431	N806300S440	STUD	\$ 7.70	48	24	28	39	ADRIAN MI	US

Batch Purchase

UPPER

NA Keep all VG rods

N808586S309	N808586S437	STUD & WASHER M8 X 1.25 / M6 X 1 X	\$ 3.86	255	255	28	39	Redford MI	US
W503279S437	W503279S437	BOLT AND WASHER ASY - HEX.HEAD	\$ 1.80	375	375	28	39	DEARBORN MI	US
W503301S437	W503301S437	BOLT	\$ 3.86	411	411	28	39	Redford MI	US
W506102S437	W506102S437	BOLT	\$ 1.85	120	24	28	39	ADRIAN MI	US
W701228S300	W701228S300	DOWEL	\$ 8.20	175	175	28	39	ADRIAN MI	US
W701512S301	W701512S301	BOLT - FLANGED HEX.	\$ 7.70	48	24	38	54	ADRIAN MI	US
W701605S437	W701605S437	BOLT	\$ 7.70	1860	1860	28	39	Redford MI	US
W701706S2	W701706S2	NUT - HEX - RH THREAD	\$ 6.75	849	849	28	39	Redford MI	US
W704693S437	W704693S437	BOLT	\$ 3.70	72	24	28	39	ADRIAN MI	US
W705128S437	W705128S437	BOLT	\$ 1.85	608	608	28	39	Redford MI	US
W706508S437	W706508S437	STUD	\$ 3.70	366	366	28	39	Redford MI	US
W707747S437	W707747S437	STUD	\$ 1.85	120	24	28	39	ADRIAN MI	US
W711563S437	W711563S437	SCREW AND WASHER ASY	\$ 1.85	120	24	28	39	ADRIAN MI	US
XL126L266AA	1L3E6M269AG	TENSIONER - TIMING CHAIN	\$ 35.06	250	250	38	54	DEARBORN MI	US
XL326306AA	XL3E6306AB	GEAR - CRANKSHAFT	\$ 23.40	150	150	38	54	DEARBORN MI	US
XL326507AA	XL3E6507AC	VALVE - INLET	\$ 7.45	160	160	28	39	ADRIAN MI	US
XL326513AA	XL3E6513AC	SPRING - VALVE	\$ 6.80	48	24	49	69	DEARBORN MI	US
XR329L437BA	XR3E9L437BA	GASKET	\$ 5.67	1300	1300	28	39	Lynchburg, VA	US
XW1Z12A227AC	XW1E12A227AC	RING	\$ 14.82	30	30	38	54	AVON OH	US
XW7Z6345AA	XW7E6C357AB	BOLT - BEARING CAP - HEX. HEAD	\$ 9.02	24	24	49	69	ADRIAN MI	US
YC2Z9448A	YC2E9Y431AD	GASKET	\$ 16.45	24	24	28	39	DEARBORN MI	US
YF7Z6279AA	N811085S2	BOLT	\$ 6.26	225	225	28	39	ADRIAN MI	US
YU1L6110AB	YU1L6110AB	PISTON	\$ 58.45	12	12	27	38	ADRIAN MI	MX
YU1L6110BB	YU1L6110BB	PISTON	\$ 58.45	12	12	27	38	ADRIAN MI	MX
YU1L6110BC	YU1L6110BC	PISTON	\$ 58.45	12	12	27	38	ADRIAN MI	MX
YU1L6110CC	YU1L6110CC	PISTON	\$ 58.45	12	12	27	38	ADRIAN MI	MX

Batch Purchase

Other Conditions:

- Product sold by FCS will be "as-is" with no warranty liability except as specified by FCS
- MOQ's and Lead Time is TBD
- Terms for this sale will be Cash in Advance (CIA) and FOB plant/supplier
- Please forward all purchase orders to: fcsorders.com with copies to:  
wjakubi1@ford.com, fcsorder@ford.com