



ITEM	DESCRIPTION	QTY
1	POWER FRAME:	1
2	CRANKSHAFT:	1
3	CONNECTING ROD:	3
4	ROD BEARING:	6
5	WRIST PIN:	3
6	CROSSHEAD ASSEMBLY:	3
7	SEAL HOLDER:	3
8	OIL SEAL: AXIAL MOTION	6
9	BEARING HOUSING:	1
10	GASKET: BEARING HOUSING	2
11	SHIM:	10
12	BACKCOVER WELDMENT:	1
13	GASKET: BACK COVER	1
14	OIL SEAL:	2
15	OIL SEAL: BEARING HOUSING	1
16	BEARING CONE:	2
17	BEARING CUP:	2
18	CAPSCREW: HEX HD, 1/2 X 1.50 LG	12
19	CAPSCREW: SOC HD, 3/8 X 1.00 LG	6
20	CAPSCREW: HEX HD 1/2 X .750 LG	16
21	SET SCREW: SOC HD, 5/16 X .50 LG	3
22	DOWEL PIN:	2
23	GASKET: OIL SEAL HOLDER	3
24	BEARING HOUSING ADAPTER:	1
25	OIL CAP:	1
26	PLUNGER CLAMP ASSEMBLY:	3
27	LIQUID LEVEL GAGE:	1
28	PIPE PLUG: 1-1/4 NPT (NOT SHOWN)	1
29	PIPE PLUG: 1/4 NPT (NOT SHOWN)	1
30	PIPE PLUG: SQ HEAD, 1/2 NPT	1
31	SHIELD DEFLECTOR:	3
32	THUMB SCREW: 1/4 X .50LG	4
33	CAPLUG: T-4	8

PRIVATE AND CONFIDENTIAL THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED PURSUANT TO AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED UPON DEMAND. MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES' DESIGN, AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON OR ENTITY WITHOUT PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES.	UNLESS OTHERWISE SPECIFIED DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES (MM) BREAK SHARP EDGES .015 (1.381) MAXIMUM INSIDE CORNER RADIUS .030 (1.762) MAXIMUM THREADS CONFORM TO FEDERAL STANDARD H-28 TAPERED THREADS CONFORM TO API 6A BOLT HOLES MUST STRADDLE COMMON CENTERLINE FINISH 250 RMS ALL DIA'S CONCENTRIC WITHIN .010 (1.254) T.I.R.	TOLERANCE .X -- ± .030 (0.762) .XX -- ± .015 (0.381) .XXX -- ± .005 (0.127) ANGLE -- ± 0° 30'	DESCRIPTION POWER END ASSEMBLY: M12 RH, 40 TOOTH SPLINED DRIVE	DRAWN BY: WOLVERTON, JARROD	DATE: 01-OCT-2009	FMC Technologies
				DRAFTING CHECK: WOLVERTON, JARROD	DATE: 09-JUN-2010	
MANUFACTURING APPROVAL: CRUZ, GEORGE		DATE: 10-JUL-2010	LATEST ECN NO. 5023223	REV. B		
APPROVED BY: LYON, TIM		DATE: 19-AUG-2010	DRAWING NUMBER DUS00009569	SHEET 1/1		