



# Product Activity Data VMI

005010 UCS & X12

Functional Group=**PD**

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0200	XQ	Reporting Date/Action	M	1			Must use
0300	XPO	Preassigned Purchase Order Numbers	O	>1			Used
0400	N9	Extended Reference Information	O	>1			Used
<b><u>LOOP ID - N1</u></b>					<b>200</b>	<b><u>N1/0600L</u></b>	
0600	N1	Party Identification	M	1		N1/0600	Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - LIN</u></b>					<b>999999</b>		
0100	LIN	Item Identification	O	1			Used
<b><u>LOOP ID - ZA</u></b>					<b>&gt;1</b>	<b><u>N2/0800L</u></b>	
0800	ZA	Product Activity Reporting	M	1		N2/0800	Must use
<b><u>LOOP ID - G95</u></b>					<b>1</b>		
120	G95	Performance Requirements	O	1			
130	DTM	Date/Time Reference	O	2			

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Used

# XQ Reporting Date/Action

Pos: 0200 Max: 1  
 Heading - Mandatory  
 Loop: N/A Elements: 3

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
XQ01	305	<b>Transaction Handling Code</b>	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		G              Plan Order(s) and Ship Product				
		H              Notification Only				
XQ02	373	<b>Date = Reporting Day</b>	M	DT	8/8	Must use
XQ03	373	<b>Date = Week End Day</b>	O	DT	8/8	Used

# XPO Preassigned Purchase Order Numbers

Pos: 0300 Max: >1  
 Heading - Optional  
 Loop: N/A Elements: 2

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
XPO01	324	<b>Purchase Order Number</b> 5 digit PO start number	M	AN	1/22	Must use
XPO02	324	<b>Purchase Order Number</b> 5 digit PO end number We will send replacement P.O. numbers at the beginning of each week. The number of p.o. numbers sent is determined by the buyer. These p.o. numbers should be used in sequence. Any left over numbers at the end of the week should be discarded.	O	AN	1/22	Used

# N9 Extended Reference Information

Pos: 0400 Max: >1  
 Heading - Optional  
 Loop: N/A Elements: 2

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		IA              Internal Vendor Number				
N902	127	<b>Reference Identification</b> Kroger uses JIT# + DIV#	C	AN	1/50	Used

# N1 Party Identification

<b>Pos: 0600</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		ST          Ship To				
		VN          Vendor				
N102	93	<b>Name</b>	C	AN	1/60	Used
		Kroger will send division warehouse name				
N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		9          D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
N104	67	<b>Identification Code</b>	M	AN	2/80	Must use

# LIN Item Identification

<b>Pos: 0100</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: LIN</b>	<b>Elements: 4</b>

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		UA          U.P.C Case Code(2-5-5 format)				
		UK          GTIN 14-digit Data Structure				
LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Must use
LIN04	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		PI          Purchaser's Item Code				
LIN05	234	<b>Product/Service ID</b>	C	AN	1/48	Used

Item Code Format

Kroger Format: FSSIIIII, where F is facility, SS is source and IIIII is five position item number.

Peyton format: SSSIIIII, where SSS is source and IIIII is six position item number.

# ZA

# Product Activity Reporting

Pos: 0800	Max: 1
Detail - Mandatory	
Loop: ZA	Elements: 5

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ZA01	859	<b>Activity Code</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		QA      Current Inventory Quantity Available for Shipment or Sale ZA04 = 007 + daily date				
		QC      Quantity Committed ZA04 = 007 + daily date Kroger only				
		QD      Additional Demand Quantity ZA04 = 015+ start date				
		QK      Quantity not listed Only sent when item has an allowance of off invoice or bill back in system.				
		QN      Planned Inventory Quantity ZA02 = 0 means discontinue. ZA04 = 007 + daily date				
		QO      Quantity Out of Stock ZA04 = 007 + daily date				
		QP      Quantity On Order, Not Yet Received ZA04 = 007 + daily date				
		QW      Quantity Withdrawn from Warehouse Inventory ZA04 = 007 + daily date				
		OQ      Planned Order Quantity (will not be provided if unavailable or zero) ZA04=007 + daily date				
ZA02	380	<b>Quantity</b>	C	R	1/15	Must use
		ZA02 = Qty of QA, QP, QC, QO, QW, QD, and OQ.				
ZA03	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CA      Case				
		EA      Each				
ZA04	374	<b>Date/Time Qualifier</b>	C	ID	3/3	Must use
		The date qualifier 007 for QA, QO, QP , QN, and OQ.				
		<u>Code</u> <u>Name</u>				
		007      Effective				
		015      Promotion Start				
ZA05	373	<b>Date</b>	C	DT	8/8	Must use
		Up to 4 occurrences if Buyer Supports QD to define additional product needs per week. ZA04+015, If QD is active (Kroger only)				
ZA06	128	<b>Reference Number Qualifier</b>	C	ID	2/2	Used
		Code qualifying the Reference Number.				
		<u>Code</u> <u>Name</u>				
		CT      Contract Number				
ZA07	127	<b>Reference Number</b>	C	AN	1/30	Used
		B1564=Kroger assigned internal contract number. Sorry we cannot return any contract information other than our own.				

# G95 Performance Requirements

Pos: 120	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

## Element Summary:

G9502	422	<b>Promotion Condition Code</b>	M	ID	2/2	Must Use
		<u>Code</u>		<u>Name</u>		
		03		Promotion Period restriction		
		Note: - Only sent when ZA01= QK				

# DTM Date/Time Reference

Pos: 130	Max: 2
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

## Element Summary:

DTM01	374	<b>Date/Time Qualifier</b>	M	ID	3/3	Must Use
		Only sent with the G95 loop pertaining to the ZA01=QK				
		<u>Code</u>		<u>Name</u>		
		023		Promotional order-start		
		024		Promotional order-end		
DTM02	373	<b>Date</b>	C	DT	8/8	Must Use

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**DATA EXAMPLE**

SAMPLE with ALL ITEMS Converted to GTINs

ST\*852\*11278005~  
XQ\*G\*20070330~  
XPO\*11193\*11198~  
N9\*IA\*987038~  
N1\*ST\*KROGER\*9\*0319715943817~

Sample: item with no contracts. As being sent currently

LIN\*\*UK\*10043000183409\*PI\*61612345~  
ZA\*QA\*147\*CA\*007\*20070330~  
ZA\*QP\*210\*CA\*007\*20070330~  
ZA\*QW\*12\*CA\*007\*20070330~  
ZA\*QO\*0\*CA\*007\*20070330~  
ZA\*QC\*15\*CA\*007\*20070330~  
ZA\*OQ\*25\*CA\*007\*20070330~

Sample: item with 1 contract

LIN\*\*UK\*10021000353260\*PI\*181123456~  
ZA\*QA\*168\*CA\*007\*20070330~  
ZA\*QP\*0\*CA\*007\*20070330~  
ZA\*QW\*0\*CA\*007\*20070330~  
ZA\*QO\*0\*CA\*007\*20070330~  
ZA\*QC\*0\*CA\*007\*20070330~  
ZA\*OQ\*15\*CA\*007\*20070330~  
ZA\*QK\*\*\*\*\*CT\*B1564~  
G95\*\*03~  
DTM\*023\*20061231~  
DTM\*024\*20070721~

Sample: item with 2 different types of contracts for the same time frame. Please note Kroger will only send the 03 code in the G95 even though internally they are set up as different contract types. We feel the type of contract should not be the focus, but the promotional "order- start" and "order-end" dates

LIN\*\*UK\*10021000353277\*PI\*181234567~  
ZA\*QA\*192\*CA\*007\*20070330~  
ZA\*QP\*0\*CA\*007\*20070330~  
ZA\*QW\*0\*CA\*007\*20070330~  
ZA\*QO\*0\*CA\*007\*20070330~  
ZA\*QC\*0\*CA\*007\*20070330~  
ZA\*QK\*\*\*\*\*CT\*12775~ <<<<<<<<<  
G95\*\*03~  
DTM\*023\*20070311~  
DTM\*024\*20070414~  
ZA\*QK\*\*\*\*\*CT\*12776~ <<<<<<<<<  
G95\*\*03~  
DTM\*023\*20070311~  
DTM\*024\*20070414~

Sample: item with 2 contracts consecutive by date

LIN\*\*UK\*10021000353284\*PI\*61625581~  
 ZA\*QA\*96\*CA\*007\*20070330~  
 ZA\*QP\*0\*CA\*007\*20070330~  
 ZA\*QW\*0\*CA\*007\*20070330~  
 ZA\*QO\*0\*CA\*007\*20070330~  
 ZA\*QC\*0\*CA\*007\*20070330~  
 ZA\*OQ\*11\*CA\*007\*20070330~  
 ZA\*QK\*\*\*\*\*CT\*11925~ <<<<<<<<  
 G95\*\*03~ DTM\*023\*20070114~  
 DTM\*024\*20070428~  
 ZA\*QK\*\*\*\*\*CT\*13046~ <<<<<<<<  
 G95\*\*03~  
 DTM\*023\*20070429~  
 DTM\*024\*20070728~

Sample: item with 3 contracts

LIN\*\*UK\*10021000353291\*PI\*61625551~  
 ZA\*QA\*55\*CA\*007\*20070330~  
 ZA\*QP\*0\*CA\*007\*20070330~  
 ZA\*QW\*0\*CA\*007\*20070330~  
 ZA\*QO\*0\*CA\*007\*20070330~  
 ZA\*QC\*0\*CA\*007\*20070330~  
 ZA\*QK\*\*\*\*\*CT\*12945~ <<<<<<<<  
 G95\*\*03~  
 DTM\*023\*20070315~  
 DTM\*024\*20070414~  
 ZA\*QK\*\*\*\*\*CT\*13054~ <<<<<<<<<<<<  
 G95\*\*03~  
 DTM\*023\*20070415~  
 DTM\*024\*20070514~  
 ZA\*QK\*\*\*\*\*CT\*14006~ <<<<<<<<<<<<  
 G95\*\*03~  
 DTM\*023\*20070515~  
 DTM\*024\*20070614~  
 CTT\*5~  
 SE\*68\*11278005~

SAMPLE with NO ITEMS Converted to GTINs

LIN\*\*UA\*004300018340\*PI\*61625661~  
 LIN\*\*UA\*002100035326\*PI\*61625551~  
 LIN\*\*UA\*002100035327\*PI\*61625552~  
 LIN\*\*UA\*002100035328\*PI\*61625553~  
 LIN\*\*UA\*002100035329\*PI\*61625554~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted  
 Manufacturer ID 43000 has NOT been converted

LIN\*\*UA\*004300018340\*PI\*61625661~  
 LIN\*\*UK\*10021000353260\*PI\*61625551~  
 LIN\*\*UK\*10021000353277\*PI\*61625552~  
 LIN\*\*UK\*10021000353284\*PI\*61625553~  
 LIN\*\*UK\*10021000353291\*PI\*61625554~