

Problem:

From the purchase order inventory screen the On PO amounts, [Inventory Worksheet \(dfofilters.com\)](https://dfofilters.com/InventoryWorksheet) are incorrect.

Stock	Part Number	Alternate - OH / PO	LY	YTD	On Order	On PO	On Hand	Min	Max	Pkg
Detail	<input checked="" type="checkbox"/>	MOBIL 104820		0	4	0	5	1	0	1
Detail	<input type="checkbox"/>	MOBIL 110843 PETRO CANADA SHB220 - 0 / 0	8	0	0	0	5	1	2	1
Detail	<input checked="" type="checkbox"/>	MOBIL 124315	18	128	0	18	14	6	12	6
Detail	<input checked="" type="checkbox"/>	MOBIL ALMOS29-5G	24	13	0	0	6	5	6	1
Detail	<input checked="" type="checkbox"/>	MOBIL FD85E25250	1072	425	40	40	21	20	40	80
Detail	<input checked="" type="checkbox"/>	MOBIL MB 600XP150	56	37	0	7	5	5	6	1
Detail	<input checked="" type="checkbox"/>	MOBIL MD1300CK4-1 VALVOLINE 773780 - 180 / 291	794	616	0	80	64	72	96	4
Detail	<input checked="" type="checkbox"/>	MOBIL MD1300CK4-5	139	110	0	30	7	10	12	1
Detail	<input checked="" type="checkbox"/>	MOBIL MD1ESP-1	16	20	0	0	4	3	4	4
Detail	<input checked="" type="checkbox"/>	MOBIL MD80140-35	8	12	0	0	2	1	2	1
Detail	<input checked="" type="checkbox"/>	MOBIL MDSYNTRANSO	0	4	0	0	2	1	2	1
Detail	<input type="checkbox"/>	MOBIL MDTE10X24-5G	0	0	0	4	4	0	0	1
Detail	<input checked="" type="checkbox"/>	MOBIL MDTE10X32-5G	177	141	0	23	0	10	12	1
Detail	<input checked="" type="checkbox"/>	MOBIL ML8090-PL	7	0	0	0	2	1	2	1
Detail	<input checked="" type="checkbox"/>	MOBIL MRS32-5G	62	36	0	6	0	5	6	1
Detail	<input checked="" type="checkbox"/>	MOBIL MRS68-5G	114	59	0	24	0	10	12	1
Detail	<input checked="" type="checkbox"/>	MOBIL SHC625	0	10	0	8	3	5	6	1
Detail	<input checked="" type="checkbox"/>	MOBIL SHC626-5G	0	0	0	0	0	0	0	1
Detail	<input checked="" type="checkbox"/>	MOBIL XHP222-14OZ	960	840	0	120	80	40	80	10

On the individual part listing the purchase order information is correct, [Product Detail \(dfofilters.com\)](https://dfofilters.com/ProductDetail).

Product Detail [Edit](#) [Back](#)

Mobil Delvac 15W40 CK4, 1G 122492 (4/1)

Manufacturer	MOBIL
Part Number	MD1300CK4-1
UPC Code	
Item	Mobil Delvac 15W40 CK4, 1G 122492 (4/1)
Package	4
Weight (lbs)	0.00
UOM	GAL
Category	NONE
MSRP	\$30.80 (46.33%)
Sale Price	\$18.99 (12.95%)
Cost	\$16.53
Core	\$0.00
On Hand	64 Stock
Min	72
Max	96

Cross Reference [Add](#)

Mfr	PN	On Hand
VALVOLINE	773780	180 Remove



ORDER HISTORY

Customer	Order ID	Date	Ord	Ship	Price
National EWP	34876		8		\$17.99
National EWP	34757	5/24/2021	16	16	\$17.99
National EWP	34736	5/20/2021	8	8	\$17.99
National EWP	34637	5/18/2021	20	20	\$17.99
National EWP	34525	5/13/2021	20	20	\$17.99
National EWP	34399	5/7/2021	12	12	\$17.99
National EWP	34370	5/3/2021	20	20	\$17.99
National EWP	34370	5/6/2021	20	0	\$17.99
National EWP	34293	4/29/2021	12	12	\$17.99
National EWP	34232	4/26/2021	20	20	\$17.99

1 2 3 4 5 6 7 8 9 10 ...

ON PO

Supplier	PO	Ord	Received	Cost
Flyers Energy	8444	40	0	\$16.53
Flyers Energy	8389	40	40	\$16.53
Flyers Energy	8322	20	20	\$16.53
Flyers Energy	8307	96	96	\$16.53
Flyers Energy	8244	12	12	\$16.53
Flyers Energy	8230	40	40	\$16.53
Flyers Energy	8225	20	20	\$16.54
Flyers Energy	8169	52	52	\$15.30
Flyers Energy	8157	12	12	\$15.30
Flyers Energy	8120	32	32	\$15.30

1 2 3 4 5 6 7 8 9 10 ...

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Investigation:

Looking at the code and the database I found that the GetOnPO function used the v_poline view to pull the received quantities on open purchase orders was always 0.

SQL2012_972956_desertflee

SQLQuery1.sql - sql2...ertflee_user (332)

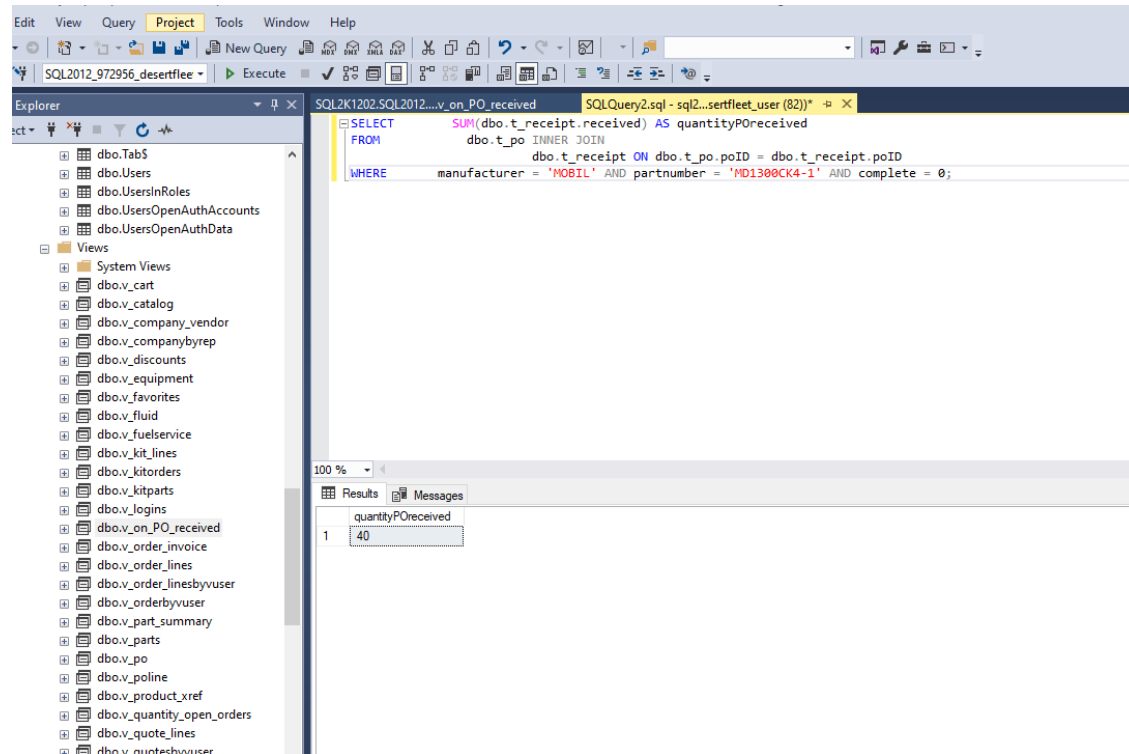
```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000)
    [manufacturer]
    ,[partnumber]
    ,[quantity]
    ,[received]
    ,[cost]
    ,[uom]
    ,[lineID]
    ,[po]
    ,[userID]
    ,[supplier]
    ,[date_submitted]
    ,[complete]
    ,[poID]
    ,[estimated_arrival]
    ,[polineID]
FROM [SQL2012_972956_desertflee].[dbo].[v_poline]
  
```

Results

	manufacturer	partnumber	quantity	received	cost	uom	lineID	po	userID	supplier	date_submitted	complete	poID	estimated_arrival	polineID
1	COX REELS	1125WCL-6C	1	0	409.50	EACH	9582	50	3266	Cox Reels	6/25/2015	1	50	1/29/2017	202
2	FILL-RITE	FR1210G	1	0	299.00	Each	9587	51	3266	Shields, Harper & Co.	6/23/2015	1	51	1/29/2017	203
3	FILL-RITE	FR4210G	1	0	369.23	EACH	9586	51	3266	Shields, Harper & Co.	6/23/2015	1	51	1/29/2017	204
4	AMERICAN LUBRICATION	636111	1	0	138.96	EACH	9588	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	244
5	AMERICAN LUBRICATION	TIM-113	1	0	40.75	EACH	9589	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	245
6	AMERICAN LUBRICATION	TIM-4361	1	0	14.34	EACH	9590	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	246
7	AMERICAN LUBRICATION	TIM-600-FM	3	0	148.47	EACH	9591	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	247
8	AMERICAN LUBRICATION	LM2305A-11-B	1	0	315.00	EACH	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	249
9	AMERICAN LUBRICATION	LP3002-1	1	0	495.00	KIT	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	250
10	AMERICAN LUBRICATION	TIM-DEF-3A	1	0	705.00	KIT	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	251
11	AMERICAN LUBRICATION	TIM-DEF-34P1	1	0	128.00	EACH	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	252
12	AMERICAN LUBRICATION	P39224-624	2	0	43.19	EACH	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	253
13	AMERICAN LUBRICATION	TIM-101-25	1	0	60.93	EACH	0	56	3266	American Lubrication Equipment	7/9/2015	1	56	1/29/2017	254

I found the correct received information in the t_receipt table. This table is referenced by the product detail page. Below is the view I created v_on_PO_received and a WHERE statement added to match the sample data.



The screenshot shows the SQL Server Enterprise Manager interface. On the left, the 'Explorer' pane displays a list of database objects, including views like 'dbo.v_on_PO_received'. The main window shows a SQL query window with the following query:

```
SELECT SUM(dbo.t_receipt.received) AS quantityPOreceived
FROM   dbo.t_po INNER JOIN
       dbo.t_receipt ON dbo.t_po.poID = dbo.t_receipt.poID
WHERE  manufacturer = 'MOBIL' AND partnumber = 'MD1300CK4-1' AND complete = 0;
```

Below the query window, the 'Results' tab is active, showing a single row of data:

quantityPOreceived
40

Can you make a change to the GetOnPOAmount function at line 2330 of the appcode? Currently, it is pulling the received amount from the v_poline view that is always 0. The quantity field has the correct information. Can you change the code to use the quantityPOreceived from the v_on_PO_received view instead of the quantity field from the v_poline view?

Can you give me an estimate of your time to make this change? I have a tight budget. Thank you for your consideration.

Bruce