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A 4, 2021

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Dear Lorraine,

Imperial Oil purchases crude oil in Ontario on the basis of a reference price, a terminal charge to Marcus and quality adjustments.

There are two reference prices, one for sweet, one for sour crudes and these are changed monthly.

For **August 2021** these prices are:

Sweet Reference Price	\$ 549.38	Reference Density	Reference Sulphur
Sour Reference Price	\$ 534.66	825 kg/m3	.5% S (by weight)
		850 kg/m3	1.2% S

If you have any questions please feel free to call.

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María Belén Saá

ONTARIO POOL PRICE LIST

Sweet Reference Price (\$/M3)

549.38 -

87.34 C & /bl.

Sour Reference Price (\$/M3)

534.66 -

85.00 C & /bl.

MARCUS TERMINALS INC August 2021

POOL ID	Location	Sweet Sour	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
01	WARWICK FIELD (01)(HEA)	Sour	7/10/1996	883.00	.800	5.520	-16.170	0.0000	0.00	524.01
02	BROOKE FIELD (02)	C Sour	7/10/1996	899.00	1.200	0.000	-24.010	0.0000	0.00	510.65
03	PLYMPTON FIELD (03)	Sour	7/10/1996	886.00	.940	3.588	-17.640	0.0000	0.00	520.61
04	BLENHEIM (04)	C Sour		897.00	1.700	-6.900	-23.030	0.0000	0.00	504.73
06	GODERICH (06)	Sour		846.00	.700	6.900	1.960	0.0000	0.00	543.52
07	PELEE TWP (07)	Sour		834.00	.700	6.900	7.840	0.0000	0.00	549.40
08	RODNEY WEST FIELD (08)	Sweet		833.00	.100	5.520	-3.920	0.0000	0.00	550.98
09	THAMESVILLE FIELD (09)	Sour		834.00	.700	6.900	7.840	0.0000	0.00	549.40
10	RODNEY (10)	Sour		836.00	.950	3.450	6.860	0.0000	1.00	543.97
11	GLENCOE (11)	Sour		862.00	.700	6.900	-5.880	0.0000	0.00	535.68
12	PETROLIA (12)	Sour		861.00	.920	3.864	-5.390	0.0000	0.00	533.13
14	WATFORD KERWOOD FIE	Sour		838.00	.890	4.278	5.880	0.0000	0.00	544.82
16	DOVER FIELD (16)	Sweet		827.00	.130	5.106	-0.980	0.0000	0.00	553.51
17	OIL SPRINGS (17)	Sour		843.00	.800	5.520	3.430	0.0000	0.00	543.61
18	BOTHWELL THAMESVILL	Sour		836.00	.910	4.002	6.860	0.0000	0.00	545.52
19	DRESDEN (19)	Sour		851.00	1.020	2.484	-0.490	0.0000	0.00	536.65
20	TILBURY WEST (20)(5-10)	Sour		834.00	1.100	1.380	7.840	0.0000	0.00	543.88
21	KINGSVILLE (21)	Sweet		823.00	.200	4.140	0.000	0.0000	0.00	553.52
22	WALLACETOWN (22)	Sour		840.00	1.000	2.760	4.900	0.0000	0.00	542.32
23	SHETLAND (23)	Sour		869.00	.210	13.662	-9.310	0.0000	0.00	539.01
24	CHATHAM TWP (24)	Sour		836.00	1.100	1.380	6.860	0.0000	0.00	542.90
25	WANSTEAD (25)	C Sour		902.00	1.300	-1.380	-25.480	0.0000	0.00	507.80
26	WILSON CROFT (26)	Sour		878.00	1.310	-1.518	-13.720	0.0000	0.00	519.42
28	BECHER (28)	Sour		832.00	.920	3.864	8.820	0.0000	0.00	547.34
29	COLCHESTER (29)	Sweet		823.00	.190	4.278	0.000	0.0000	0.00	553.66
30	WARWICK (30)	C Sour		892.00	1.200	0.000	-20.580	0.0000	0.00	514.08
31	GRAND BEND (31)	Sweet		832.00	.240	3.588	-3.430	0.0000	0.00	549.54
32	CORUNNA (32)	Sour		853.00	.811	5.368	-1.470	0.0000	0.00	538.56
36	LOT 23 CON 1 (DAWNSOM	Sour		852.00	.760	6.072	-0.980	0.0000	0.00	539.75
39	GOBLES #54 (39)	Sweet		836.00	.130	5.106	-5.390	0.0000	0.00	549.10
40	MALDEN (40)	Sweet		819.00	.160	4.692	0.000	0.0000	0.00	554.07

\$ 86.42 /bl.

MARCUS TERMINALS INC August 2021

POOL ID	Location	Sweet Sour	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
41	CLEARVILLE (41)	Sweet		832.00	.130	5.106	-3.430	0.0000	0.00	551.06
42	SOMBRA (42)(2-24-10) nnn	Sour	7/23/1996	834.00	.700	6.900	7.840	0.0000	0.00	549.40
44	INNERKIP FIELD (44)	Sweet		842.00	.090	5.658	-8.330	0.0000	0.00	546.71
47	MOORE (10-4)(BRIGDEN?) (Sour			843.00	.680	7.176	3.430	0.0000	0.00	545.27
48	SUTORVILLE FIELD (48)(H Sour			904.00	1.100	1.380	-26.460	0.0000	0.00	509.58
49	WILLEY SOUTH FIELD (49 Sweet			828.00	.110	5.382	-1.470	0.0000	0.00	553.29
52	BROOKE (52) C	Sour		888.00	1.100	1.380	-18.620	0.0000	0.00	517.42
53	DAWN FIELD (53)	Sour		839.00	.820	5.244	5.390	0.0000	0.00	545.29
57	MOSA (57)	Sweet		824.00	.300	2.760	0.000	0.0000	0.00	552.14
71	DAWN (71)(1-26-2)	Sour		844.00	.800	5.520	2.940	0.0000	0.00	543.12
72	DAWN (72)(5-27-3)	Sour		827.00	.670	7.314	11.270	0.0000	0.00	553.24
77	TILBURY E TWP (77) ??	Sour		836.00	.620	8.004	6.860	0.0000	0.00	549.52
78	MORPETH FIELD (78)(NGL	Sweet		748.00	.430	0.966	-25.480	0.0000	0.00	524.87
79	MERSEA (79) (8-14-A)	Sweet	4/7/2006	816.60	.162	4.664	0.000	0.0000	0.00	554.04 - 88.08 bl.
80	LADYSMITH (80)	Sweet	10/1/1996	832.00	.500	0.000	-3.430	0.0000	0.00	545.95
82	SOMBRA (82)(7-18-7) C	Sour		881.00	.400	11.040	-15.190	0.0000	0.00	530.51
83	DAWN FIELD (83)	Sweet		847.00	.250	3.450	-10.780	0.0000	0.00	542.05
84	RUSCUM RIVER TRENTON	Sour		834.00	.700	6.900	7.840	0.0000	0.00	549.40
85	MOORE (85)(8-4-2)	Sour		832.00	.640	7.728	8.820	0.0000	0.00	551.21
86	PETROLIA MEDIUM (86)	Sour	9/23/1998	880.50	1.190	0.138	-14.945	0.0000	0.00	519.85
87	SOMBRA (87)(6-28-9)	Sour		849.00	.540	9.108	0.490	0.0000	0.00	544.26
88	CORUNNA SECKERTON (8	Sour		853.00	.811	5.368	-1.470	0.0000	0.00	538.56
89	DAWN (89)(3-28-2)	Sweet		830.00	.100	5.520	-2.450	0.0000	0.00	552.45
90	BUTLER DAWN (90)(13-10)	Sweet	10/1/1996	849.00	.500	0.000	-11.760	0.0000	0.00	537.62
91	ENNISKILLEN (91)(4-22-2)	Sour		880.00	.440	10.488	-14.700	0.0000	0.00	530.45
92	SOMBRA FIELD (92)(4-9-12)	Sweet		855.00	.500	0.000	-14.700	0.0000	0.00	534.68
93	MOORE (93)(2-3-11) C	Sour		900.00	1.630	-5.934	-24.500	0.0000	0.00	504.23
94	ENNISKILLEN TWP (94)	Sour		901.00	.870	4.554	-24.990	0.0000	0.00	514.22
95	MALDEN (95)(3-41-4)	Sweet		844.00	.200	4.140	-9.310	0.0000	0.00	544.21
96	RUSCUM RIVER GUELPH (	Sweet		875.00	.400	1.380	-24.500	0.0000	0.00	526.26
97	EDYS MILLS (97)	Sour		832.00	.770	5.934	8.820	0.0000	0.00	549.41
98	COREY EAST FIELD (98)	Sour	9/23/1998	896.20	1.450	-3.450	-22.638	0.0000	0.00	508.57 - 80.85 bl.
B1	ALDBOROUGH EAGLE (B1)	Sour		830.00	.990	2.898	9.800	0.0000	0.00	547.36
B2	MCCOLL #2 (B2)	Sour		832.00	.850	4.830	8.820	0.0000	0.00	548.31
B3	BROOKE TWP (B3)	Sour		855.00	.700	6.900	-2.450	0.0000	0.00	539.11

MARCUS TERMINALS INC August 2021

POOL ID	Location	Sour	Sweet	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
B4	EUPHEMIA TWP (B4)	Sour			834.00	.700	6.900	7.840	0.0000	0.00	549.40
B5	ROCHESTER (1-20-5) (RUSC)	Sweet			824.00	.130	5.106	0.000	0.0000	0.00	554.49
B6	COMBER (B6)	Sour			868.00	1.040	2.208	-8.820	0.0000	0.00	528.05
B7	WHEATLEY NORTH (B7)	Sweet		8/30/2000	816.10	.140	4.968	0.000	0.0000	0.00	554.35
B8	DAWN TWP (B8)(4-30-3)	Sour			817.00	.570	8.694	12.250	0.0000	0.00	555.60
B9	ZONE CENTRE FIELD(B9)	Sour			827.00	.900	4.140	11.270	0.0000	0.00	550.07
C1	MOORE TWP (C1) (2-22-2)	Sour			850.00	.570	8.694	0.000	0.0000	0.00	543.35
C3	SARNIA TWP. (C3)	Sour			859.00	1.240	-0.552	-4.410	0.0000	0.00	529.70
C4	GOSFIELD S. (C4)(8-7-5)(IN	Sweet			825.00	.500	0.000	0.000	0.0000	0.00	549.38
C5	TILBURY EAST (C5)	Sweet			824.00	.400	1.380	0.000	0.0000	0.00	550.76
C6	PT.ALMA CONDENSATE	Sour		2/20/1997	833.80	1.270	-0.966	7.938	0.0000	0.00	541.63
C7	MAIDSTONE (C7)(7-17-5)(I	Sweet			825.00	.500	0.000	0.000	0.0000	0.00	549.38
C8	ROMNEY (C8)(6-13-3)	Sweet			813.00	.170	4.554	0.000	0.0000	0.00	553.93
C9	GOSFIELD S. (C9)(1-1-3)(IN	Sweet			825.00	.500	0.000	0.000	0.0000	0.00	549.38
D1	MERSEA TWP (D1)(6-23-7)	Sweet			813.00	.140	4.968	0.000	0.0000	0.00	554.35
D4	ROMNEY (D4)(7-10-2)	Sweet			820.00	.150	4.830	0.000	0.0000	0.00	554.21
D5	DOVER EAST (D5)(7-5-5)	Sweet			828.00	.130	5.106	-1.470	0.0000	0.00	553.02
D6	MERSEA TWP (D6)(2-15-8)	Sweet			816.00	.150	4.830	0.000	0.0000	0.00	554.21
D7	MERSEA (D7)(8-16-VIII)	Sweet			816.00	.150	4.830	0.000	0.0000	0.00	554.21
D8	ROMNEY (D8)(3-14-2)	Sweet			814.00	.150	4.830	0.000	0.0000	0.00	554.21
D9	MOORE TWP (D9)(3-14-10)	Sweet			866.00	.500	0.000	-20.090	0.0000	0.00	529.29
E1	ROMNEY (E1)(6-13-4)	Sweet			813.00	.140	4.968	0.000	0.0000	0.00	554.35
E2	ROMNEY (E2)(5-15-1)(INT)	Sweet		5/13/1997	824.90	.150	4.830	0.000	0.0000	0.00	554.21
E3	RALIEGH (E3)(1-17-13)(INT)	Sweet			750.00	.500	0.000	-24.500	0.0000	0.00	524.88
E4	GOSFIELD (E4)(4-4-4)(INT)	Sweet			825.00	.500	0.000	0.000	0.0000	0.00	549.38
E5	RALIEGH (ST. PATRICKS?)	Sour			900.00	1.500	-4.140	-24.500	0.0000	0.00	506.02
E6	GOSFIELD N. (E6)(2-21-6)(I	Sweet			817.00	.151	4.816	0.000	0.0000	0.00	554.20
E7	COLCHESTER SOUTH (E7)(	Sweet			816.00	.160	4.692	0.000	0.0000	0.00	554.07
E8	ENNISKILLEN (E8)(7-16-6)(	Sour			895.00	1.300	-1.380	-22.050	0.0000	0.00	511.23
E9	MERSEA (E9)(4-14-1)	Sweet			820.00	.160	4.692	0.000	0.0000	0.00	554.07
F1	MOORE (F1)(1-1-22-VI)(INT	Sour			895.00	1.300	-1.380	-22.050	0.0000	0.00	511.23
F2	MOORE TWP (F2)(2-14-7)	Sour			827.00	.880	4.416	11.270	0.0000	0.00	550.35
F3	ENNISKILLEN (F3)(6-15-2)	Sour			895.00	1.300	-1.380	-22.050	0.0000	0.00	511.23
F4	MERSEA (F4)(5-10-9)(INT)	Sweet			825.00	.500	0.000	0.000	0.0000	0.00	549.38
F5	GOSFIELD S. (F5)	Sweet			815.00	.150	4.830	0.000	0.0000	0.00	554.21

MARCUS TERMINALS INC August 2021

POOL ID	Location	Sweet Sour	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
F6	SOMBRA (F6)(8-02-06)	Sour		849.00	.840	4.968	0.490	0.0000	0.00	540.12
F7	CAMDEN (DAWN #2?)(F7)(	Sour		839.00	.820	5.244	5.390	0.0000	0.00	545.29
F8	MERSEA 6-20-11	Sweet	5/13/1997	827.60	.170	4.554	-1.274	0.0000	0.00	552.66
F9	SOMBRA (RAM #33) (F9)(5-	Sour		876.00	.890	4.278	-12.740	0.0000	0.00	526.20
G1	ROCHESTER #1 (G1) (1-17-2	Sweet	6/1/1998	818.80	.170	4.554	0.000	0.0000	0.00	553.93
G2	MERSEA (G2)(3-6-V)	Sweet		813.00	.160	4.692	0.000	0.0000	0.00	554.07
G3	MERSEA (G3,G9)(3-4-IV-ST	Sweet		815.00	.151	4.816	0.000	0.0000	0.00	554.20
G4	MERSEA (G4)(2-1-V)	Sweet		820.00	.160	4.692	0.000	0.0000	0.00	554.07
G8	MOORE (G8)(27,28-2)	Sour		842.00	.740	6.348	3.920	0.0000	0.00	544.93
G9	MERSEA 4-240-STR	Sweet		815.00	.151	4.816	0.000	0.0000	0.00	554.20
H1	MERSEA (H1,H2)(2-241,6-24	Sweet		817.00	.154	4.775	0.000	0.0000	0.00	554.16
H3	MERSEA (H3)(3-3-V)	Sweet		813.00	.155	4.761	0.000	0.0000	0.00	554.14
H4	MERSEA (H4) (1-5-IV)	Sweet		815.00	.155	4.761	0.000	0.0000	0.00	554.14
H5	ROCHESTER (H5) (8-21-6)	Sweet		822.00	.167	4.595	0.000	0.0000	0.00	553.98
H6	RAM BP #29 (H6)	Sweet		817.00	.139	4.982	0.000	0.0000	0.00	554.36
H7	SOMBRA 1-10 (WELL#15)	Sour		871.00	1.000	2.760	-10.290	0.0000	0.00	527.13
H8	EOTT ENERGY (H8)	Sweet		822.00	.202	4.112	0.000	0.0000	0.00	553.49
H9	GOSFIELD SOUTH 4-4-III	Sweet	3/6/1997	817.00	.160	4.692	0.000	0.0000	0.00	554.07
J1	ANDERTON 8-2-IV (J1)	Sour		844.00	.209	13.676	2.940	0.0000	0.00	551.28
J2	ROCHESTER 7-17-IV EBR	Sweet		826.40	.150	4.830	-0.686	0.0000	0.00	553.52
J4	DAWN 5-30-10	Sour	10/23/1996	877.50	.677	7.217	-13.475	0.0000	0.00	528.40
J5	ENNISKILLEN 1-25-IX	Sour		875.10	.760	6.072	-12.299	0.0000	0.00	528.43
J6	GOSFIELD SOUTH 3-K-3	Sweet	5/30/1997	813.70	.169	4.568	0.000	0.0000	0.00	553.95
J7	GOSFIELD SOUTH 2-24-V	Sweet	9/2/1997	823.60	.140	4.968	0.000	0.0000	0.00	554.35
J8	ROMNEY 4 - 9 - 2	Sour	4/3/2003	825.00	.700	6.900	12.250	0.0000	0.00	553.81
J9	MERSEA 8 - 23 - IX	Sweet	9/2/1998	820.10	.152	4.802	0.000	0.0000	0.00	554.18
K1	MERSEA 1-16-1	Sweet	8/31/1998	808.50	.140	4.968	0.000	0.0000	0.00	554.35
K2	STEPHEN 4-11-XXII	Sweet	12/8/1999	835.00	.400	1.380	-4.900	0.0000	0.00	545.86
K3	ENNISKILLEN 2-27-XI	Sour	1/8/1999	892.20	.910	4.002	-20.678	0.0000	0.00	517.98
K4	ALDBOROUGH 7-D-VII	Sour	5/1/2000	836.50	.880	4.416	6.615	0.0000	0.00	545.69
K5	MOORE 2-15-VIII	Sour	5/1/2000	853.00	.810	5.382	-1.470	0.0000	0.00	538.57
K6	MERSEA 5-20-A	Sweet	8/30/2000	811.20	.140	4.968	0.000	0.0000	0.00	554.35
K7	INNERKIP CONDENSATE	Sour	11/29/2000	600.00	.150	14.490	-85.750	0.0000	0.00	463.40
K8	DOVER WEST 4-9-III	Sweet	2/9/2001	845.00	.350	2.070	-9.800	0.0000	0.00	541.65
K9	SOMBRA 7-A-XI	Sour	5/2/2001	841.40	1.040	2.208	4.214	0.0000	0.00	541.08

MARCUS TERMINALS INC August 2021

POOL Location ID	Sweet Sour	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
L1	SOMBRA 8-27-XII	6/6/2001	833.00	.640	7.728	8.330	0.0000	0.00	550.72
L2	BEAVER CREEK MICHIGA	1/9/2003	790.00	1.920	-9.936	7.350	0.0000	0.00	532.07
L4	ROMNEY 8-194-TRS LAKE	3/11/2003	813.90	.168	4.582	0.000	0.0000	0.00	553.96
L5	SLOCUM BATTERY	6/7/2012	699.70	.606	8.197	-36.897	0.0000	0.00	505.96
L6	ROOD BATTERY	6/7/2012	655.00	.284	12.641	-58.800	0.0000	0.00	488.50
L7	GOSFIELD SOUTH 4 G 2	4/22/2003	816.00	.160	4.692	0.000	0.0000	0.00	554.07
L8	HOUGHTON 6-13-VII	7/15/2005	865.80	.800	5.520	-7.742	0.0000	0.00	532.44
L9	NORTH WALSHINGHAM 8-8	7/15/2005	894.00	.800	5.520	-21.560	0.0000	0.00	518.62
M1	BAYHAM	8/29/2005	841.30	.145	4.899	-7.987	0.0000	0.00	546.29
M2	ROCHESTER 5-12-IV EBR	9/30/2005	826.60	.150	4.830	-0.784	0.0000	0.00	553.43
M3	TILBURY WEST 3-2-X	1/30/2008	830.20	.177	4.457	-2.548	0.0000	0.00	551.29
M4	BROOKE 4-5-XIV	1/7/2011	913.50	1.030	2.346	-31.115	0.0000	0.00	505.89
M5	DUNWICH 1-4-24-A	6/1/2012	836.00	.910	4.002	6.860	0.0000	0.00	545.52
M6	DUNWICH 4-24-A PATON	6/1/2012	834.70	.110	5.382	-4.753	0.0000	0.00	550.01
M8	MOORE 2-5-2 CROMAR	2/27/2018	817.80	.610	8.142	12.250	0.0000	0.00	555.05
M9	RALEIGH 3-16-XIV	11/27/2019	827.40	.146	4.885	-1.176	0.0000	0.00	553.09
R1	BAKKEN / WILLMAR SASK	6/27/2012	822.00	.150	4.830	0.000	0.0000	0.00	554.21
R10	CAL/SW, WHITECOURT, A	2/1/2013	.00	.000	16.560	-379.750	0.0000	0.00	171.47
R2	CONNACHER BLEND/FT.M	9/12/2012	.00	4.500	-45.540	-379.750	0.0000	0.00	109.37
R3	FOSTERTON/SASKATCHE	3/15/2012	934.00	3.300	-28.980	-41.160	0.0000	0.00	464.52
R4	L.S.B./MANITOBA/VIP	9/12/2012	833.00	.500	9.660	8.330	0.0000	0.00	552.65
R5	SLE EDMONTON ALBERT	2/12/2013	826.00	.800	5.520	11.760	0.0000	0.00	551.94
R6	MBS EDMONTON ALBER	2/12/2013	828.00	.500	0.000	-1.470	0.0000	0.00	547.91
R7	RSW, SCOTFORD, LB.	2/28/2013	822.00	.400	1.380	0.000	0.0000	0.00	550.76
R8	CAL, SCOTFORD, ALB.	2/28/2013	850.00	1.040	2.208	0.000	0.0000	0.00	536.87
R9	NDS, SUPERIOR, WISC.	2/28/2013	819.00	.280	3.036	0.000	0.0000	0.00	552.42
RC9	RAIL CAR	4/10/2012	803.00	.100	15.180	12.250	0.0000	0.00	562.09
S1	CAL/SW, WHITECOURT, A	2/1/2013	.00	.000	16.560	-379.750	0.0000	0.00	171.47
S2	CAL/MBS, WHITECOURT,	2/1/2013	.00	.000	16.560	-379.750	0.0000	0.00	171.47
S3	MSW SUPERIOR WISCONS	4/24/2013	.00	.000	6.900	-392.000	0.0000	0.00	164.28
S4	CAL WHITECOURT, ALB.	4/24/2013	.00	.000	16.560	-379.750	0.0000	0.00	171.47
S5	MSW UNITY, SASKATCHE	4/24/2013	.00	.000	6.900	-392.000	0.0000	0.00	164.28
S6	SW WHITECOURT, ALB.	4/24/2013	.00	.000	6.900	-392.000	0.0000	0.00	164.28
S7	DRAYTON VALLEY SWEE	5/14/2013	834.00	.000	6.900	-4.410	0.0000	0.00	551.87
S8	BAKKEN/BIENFAIT SASKA	5/15/2013	822.00	.150	4.830	0.000	0.0000	0.00	554.21

MARCUS TERMINALS INC August 2021

POOL ID	Location	Sweet Sour	Date Quality Change	Density Kg/M3	Sulphur Percent	Sulphur Adjustment	Density Adj.	BSW Pen	Mercap Penalty	Producer Price
S9	NDS, FT. SASKATCHEWAN	Sour	5/3/2013	819.00	.280	12.696	12.250	0.0000	0.00	559.61
U1		Sour		.00	.000	16.560	-379.750	0.0000	0.00	171.47
U10	AURELIUS MICHIGAN	Sour	11/24/2003	838.30	1.040	2.208	5.733	0.0000	0.00	542.60
U2	CONNACHER BLEND/FT.M	Sour	3/16/2012	950.00	4.500	-45.540	-49.000	0.0000	0.00	440.12
U3		Sour		.00	.000	16.560	-379.750	0.0000	0.00	171.47
U4	GM 18 MICHIGAN	Sour	11/24/2003	834.10	.790	5.658	7.791	0.0000	0.00	548.11
U5	KENNINGTON/MILFORD	Sour	11/24/2003	835.60	.790	5.658	7.056	0.0000	0.00	547.37
U6	BRIGHTON 11 MICHIGAN	Sour	11/24/2003	854.50	1.130	0.966	-2.205	0.0000	0.00	533.42
U7	CONVIS MICHIGAN	Sour	11/24/2003	870.30	1.840	-8.832	-9.947	0.0000	0.00	515.88
U8	PENNFIELD MICHIGAN	Sour	11/24/2003	892.80	2.100	-12.420	-20.972	0.0000	0.00	501.27
U9	SPUTNIK WHOLE CRUDE	Sour	2/12/2007	848.00	3.090	-26.082	0.980	0.0000	0.00	509.56
V1	HARTLAND MICHIGAN	Sour	12/12/2003	812.00	.840	4.968	12.250	0.0000	0.00	551.88
V2	HYPERION RICH FIELD	Sour	3/30/2007	823.10	1.810	-8.418	12.250	0.0000	0.00	538.49
V3	ADDISON MICHIGAN	Sour	5/27/2005	839.30	.765	6.003	5.243	0.0000	0.00	545.91
X0	FINCH / VIP SARNIA	Sweet	7/2/2019	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X1	FINCH TERMINAL	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X2	OTTAWA BULK TERMINA	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X3	ST. GEORGE TERMINAL	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X4	S.ST.MARIE TERMINAL	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X5	SHELL KEELE TERMINAL	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X6	SUDBURY BULK TERMINA	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X7	ULTRAMAR TERMINAL (M	Sweet	7/1/2004	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X8	SUNCOR/SHELL KEELE	Sweet	4/11/2005	.00	.000	6.900	-392.000	0.0000	0.00	164.28
X9	SUNCOR/OAKVILLE TERM	Sweet	4/11/2005	.00	.000	6.900	-392.000	0.0000	0.00	164.28
Y1	MERSEA (GOLDSMITH BA	Sweet	6/1/1998	819.50	.150	4.830	0.000	0.0000	0.00	554.21
Y2	ROMNEY TWP (RENEWICK	Sweet		816.60	.150	4.830	0.000	0.0000	0.00	554.21
Y3	DOVER TWP (BATTERY)(	Sweet		828.00	.130	5.106	-1.470	0.0000	0.00	553.02