

Schedule of Origin Volatility Requirements

V8 GRADE

		Jan.	Jan.	Feb.	Feb.	Mar.	Apr.	Apr.	May	June	July	Aug.	Sept.	Sept.	Oct.	Nov.	Dec.
		1-15	16-31	1-15	16-29	1-31	1-15	16-30	1-31	1-30	1-31	1-31	1-15	16-30	1-31	1-30	1-31
Kansas	(DVPE)	N/A	15.00	15.00	15.00	13.50	11.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	(Class)		E-5	E-5	E-5	D-4	C-3										
Minnesota	(DVPE)	N/A	N/A	15.00	15.00	13.50	11.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	(Class)			E-5	E-5	D-4	C-3										
Oklahoma	(DVPE)	N/A	15.00	13.50	13.50	13.50	11.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	(Class)		E-5	D-4	D-4	D-4	C-3										
Wisconsin	(DVPE)	N/A	N/A	15.00	15.00	13.50	11.50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	(Class)			E-5	E-5	D-4	C-3										

V66 GRADE

	Jan.	Jan.	Feb.	Feb.	Mar.	Mar.	Apr.	May	June	July	Aug.	Sept.	Sept.	Oct.	Nov.	Dec.
	1-15	16-31	1-15	16-29	1-15	16-31	1-30	1-31	1-30	1-31	1-31	1-15	16-30	1-31	1-30	1-31
(DVPE)	N/A	N/A	N/A	N/A	N/A	N/A	6.60	6.60	6.60	6.60	6.60	6.60	N/A	N/A	N/A	N/A
(Class)							A-3	A-3	A-2	A-2	A-2	A-2				

NOTE: Gulf Coast origin changeover dates will precede this schedule by approximately 10 days, depending upon the applicable Explorer Pipeline cycle. Shipments via Explorer Pipeline must meet the specification applicable to the anticipated West Tulsa delivery date. Gulf Coast shippers will be advised of these dates through seasonal letters.



Schedule of Origin Volatility Requirements

V68 GRADE																
	Jan.	Jan.	Feb.	Feb.	Mar.	Mar.	Apr.	May	June	July	Aug.	Sept.	Sept.	Oct.	Nov.	Dec.
	1-15	16- 31	1-15	16-29	1-15	16-31	1-30	1-31	1-30	1-31	1-31	1-15	16-30	1-31	1-30	1-31
(DVPE)	N/A	N/A	N/A	N/A	N/A	N/A	6.80	6.80	6.80	6.80	6.80	6.80	N/A	N/A	N/A	N/A
(Class)							A-3	A-2	A-2	A-2	A-2	A-2				
VTX GRADE																
	Jan.	Jan.	Feb.	Feb.	Mar.	Mar.	Apr.	May	June	July	Aug.	Sept.	Sept.	Oct.	Nov.	Dec.
	1-15	16- 31	1-15	16-29	1-15	16-31	1-30	1-31	1-30	1-31	1-31	1-15	16-30	1-31	1-30	1-31
(DVPE)	13.50	13.50	13.50	11.50	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	10.00	11.50	13.50	13.50
(Class)	D-5	D-5	D-4	C-4	A-4	A-4	A-3	A-3	A-2	A-2	A-2	A-2	B-2	C-3	D-4	D-5

NOTE: Gulf Coast origin changeover dates will precede this schedule by approximately 10 days, depending upon the applicable Explorer Pipeline cycle. Shipments via Explorer Pipeline must meet the specification applicable to the anticipated West Tulsa delivery date. Gulf Coast shippers will be advised of these dates through seasonal letters.