ORG7446

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REV	DESCRIPTION	BY	DATE

MAC LTT, INC. VEHICLE IDENTIFICATION NUMBER SYSTEM (VIN)

POSITIONS 1, 2, & 3
MANUFACTURER'S UNIQUE IDENTIFER, MAC LTT, INC.

FOURTH DIGIT - M AKE

M = MAC

FIFTH DIGIT - TRAILER TYPE
(ALL ARE STRAIGHT-SEMI WITH FIFTH WHEEL & KINGPIN)

R = STRAIGHT ROUND
E = STRAIGHT ELLIPTICAL
T = DOUBLE TAPERED ELLIPTICAL
C = DOUBLE CONICAL ROUND
V = SEMI-OVAL
S = RECTANGULAR
G = CONICAL WITH ROUND

SIXTH DIGIT - BODY TYPE

* (TRANSPORTS NON-HAZARDOUS LIQUID)
** (TRANSPORTS HAZARDOUS LIQUIDS)
*** (TRANSPORTS FOOD GRADE LIQUIDS)
**** (TRANSPORTS COMPRESSED GASES)

A = NON-CODE-*
B = DOT-406-**
C = DOT-407-**
D = DOT-412-**
E = MC-331-****
F = MC-338-***
G = 3A SANITARY-***
H = FRAC TANK-*

5 5 8 M R A M 2 B K 0 0 0 0 0 1

EIGHTH DIGIT - AXLE CONFIGURATION

1- 1 AXLE
2- 2 AXLES
3 - 3 AXLES
4 - 4 AXLES
5 - 5 AXLES
6 - 6 AXLES
7 - 7 AXLS
8 - 8 AXLES

LAST SIX DIGITS:

UNIQUE SERIAL NUMBER

SEVENTH DIGIT - LENGTH

TWO NUMERIC DESCRIPTORS FOR OVERALL LENGTH IN FEET

LENGTH:

1 =	22 FT	E =	35 FT	U =	48 FT
2 =	23 FT	F =	36 FT	V =	49 FT
3 =	24 FT	G =	37 FT	W =	50 FT
4 =	25 FT	H =	38 FT	X =	51 FT
5 =	26 FT	J =	39 FT	Y =	52 FT
6 =	27 FT	K =	40 FT	Z =	53 FT
7 =	28 FT	L =	41 FT		
8 =	29 FT	M =	42 FT		
9 =	30 FT	N =	43 FT		
A =	31 FT	P =	44 FT		
B =	32 FT	R =	45 FT		
C =	33 FT	S =	46 FT		
D =	34 FT	T =	47 FT		

NINTH DIGIT - CHECK DIGIT

VARIES WITH INDIVIDUAL SERIAL NUMBERS

ELEVENTH DIGIT - PLANT LOCATION

K - KENT

MAC LTT, INC.
1400 Fairchild Avenue
Kent, OH 44240

TENTH DIGIT - MODEL YEAR

2011 - B	2020 - L	2029 - X
2012 - C	2021 - M	2030 - Y
2013 - D	2022 - N	2031 - 1
2014 - E	2023 - P	2032 - 2
2015 - F	2024 - R	2033 - 3
2016 - G	2025 - S	2034 - 4
2017 - H	2026 - T	2035 - 5
2018 - J	2027 - V	2036 - 6
2019 - K	2028 - W	2037 - 7
		2038 - 8
		2039 -9

Vin Positon	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Vin Number	5	5	8	M	R	A	R	2	2	D	K	0	0	0	5	2	6		
Assigned Value	5	5	8	4	9	1	9	2	n/a	4	2	0	0	0	5	2	6		Table III
Weight Factor	8	7	6	5	4	3	2	10	n/a	9	8	7	6	5	4	3	2		Table IV
Multiplied Factor	40	35	48	20	36	3	18	20	n/a	36	16	0	0	0	20	6	12	310	Sum

SAMPLE VIN CALCULATION

The sum divided by 11 = 28.18

Remainder (Check Digit) = 2

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	NAME	DATE
DRAWN	EDM	9/14/11
CHECKED	EDM	9/14/11
ENG APPR.	EDM	9/14/11
MFG APPR.		
Q.A.		

MAC LTT
LIQUID TANK TRAILERS

1400 FAIRCHILD AVENUE
KENT, OHIO 44240

TITLE: VIN NUMBER CHART

SIZE A | DWG. NO: MACLTT-VIN2011 | REV.

SCALE:1:1 | WEIGHT: | SHEET 1 OF 5