



Franklin Fueling Systems

Franklin Fueling Systems certifies that Fuel Ethanol, also known commercially as E85, containing 51 % to 83 % ethanol by volume is compatible with APT TMA 4236 0/0 0C S and TMA 4836 0/0 0C S and APT LMM-3617. Franklin Fueling Systems has based this approval on the ASTM D5798 standard within the UL 2447 listing.

Per ASTM D5798 within the scope section 1.3 This specification formerly covered Fuel Ethanol (Ed70-Ed85) for Automotive Spark-Ignition Engines, also known commercially as E85. The nomenclature "fuel ethanol" has been changed to "ethanol fuel blends" to distinguish this product from denatured fuel ethanol Specification D4806. To facilitate blending of ethanol fuel blends that meet seasonal vapor pressure requirements, a new lower minimum ethanol content has been established.

The APT containments listed above APT TMA 4236 0/0 0C S, TMA 4836 0/0 0C S and APT LMM-3617, are all listed under Franklin Fueling Systems UL2447 listing which incorporates the ASTM D5798 in the general information section for Fuel Rating - Automotive Fuels. For more information on ASTM D5798 follow the link below:

<https://www.astm.org/Standards/D5798.htm>

Sincerely,

Loren Swalheim
Director, Global Technical Service
Franklin Fueling Systems

UL 2447 LISTED PRODUCTS

The UL 2447 requirement evaluates the safety of our containment products intended for below or at grade use, which house, transfer or otherwise come in contact with fuel. For the complete list of our containment sumps, fittings, spill containers, and accessories that are UL 2447 certified, see descriptions below.

Tank, Dispenser, and Transition Sumps

Part Number	Description	Part Number	Description
TSD-4542-IPB	TSD-4542 W/ SPECIAL IP	LMT-1410	LM TOP ASSEMBLY 14" X 10.25
TSD-4736-IP	SRS/TNK SUMP-DEEP-36" MH W/ IP	LMT-1913-T	LM TOP ASSEMBLY-19"X12" TOKHEIM
TSD-4736-IPB	TSD-4736 W/ SPECIAL IP	LMT-2010	LM TOP ASSEMBLY 20.5" X 10.375
TSD-W-4736	TNK SUMP-DEP BURY 36" ACCESS CV	LMT-2018	LM TOP ASSEMBLY 20.8" X 18.3
TSM-4542-IPB	TSM-4542 W/ SPECIAL IP	LMT-2313-T	TOP FRAME ADPTR GII 23 X 12
TSM-4736	SRS- TNK SMP-MED.BURY 36" MNHLE	LMT-2407	TOP FRAME ADPTR GII 23.75X7.5
TSM-4736-IPB	TSM-4736 W/ SPECIAL IP	LMT-2715	LM DISPENSER TOP ASSEMBLY 27 X 15
TSM-W-4736	TNK SUMP-MED BURY 36" ACCESS CV	LMT-2811	TOP FRAME ADPTR GII 28.5X11.0
TSS-4542	TNK SUMP-SHALLOW BURIAL 42" MH	LMT-2915	LM TOP ASSEMBLY 29.75"X15.75
TSS-4542-IPB	TSS-4542 W/ SPECIAL IP	LMT-3610	LM TOP ASSEMBLY 36" X 1-25"
DHW-3617	DISPENSER SUMP, 36X17 ASSEMBLY	LMT-2916-DEF	LM TOP DEF ASSEMBLY 29.0" X 16.25
LMD-1410	LMD DISPENSER SUMP 13.5 X 9.75	LMT-3617-36	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMD-1913-T	LMD DISPENSER SUMP 19 X 12 TOKHEIM	LMT-3617-DEF	LM TOP DEF ASSEMBLY 36.0" X 17.25
LMD-2010	LMD DISPENSER SUMP 20.5 X 10	LMT-3914	TOP FRAME ADPTR GII 38.75X14.0
LMD-2018	LMD DISPENSER SUMP 20.8 X 18.3	LMT-3914-36-W	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMD-2313-T	LMD DISPENSER SUMP ASSEMBLY 23X12	LMT-4018	LM TOP ASSEMBLY 40" X 18
LMD-2407	LMD DISPENSER SUMP ASSEMBLY 23.75X7.5	LMT-4111	LM TOP ASSEMBLY 41.5" X 11
LMD-2715	LMD DISPENSER SUMP-27 X 15	LMT-4115	LM TOP ASSEMBLY 41" X 15
LMD-2811	LMD DISPENSER SUMP ASSEMBLY 28.5 X 11	LMD-2313-T-S	LMD DISPENSER SUMP 23X12 FRP
LMD-2915	LMD DISPENSER SUMP 29.75 X 15.75	LMD-2407-S	LMD DISPENSER SUMP 23.75x7.5 FRP
LMD-3610	LMD DISPENSER SUMP 36 X 10.25	LMD-2715-S	LMD DISPENSER SUMP 27X15 FRP
LMD-3617	LMD DISPENSER SUMP 36X17.25	LMD-2811-S	LMD DISPENSER SUMP 28X11.5 FRP
LMD-3914	LMD DISPENSER SUMP ASSEMBLY 38.75 X 14	LMD-2915-S	LMD DISPENSER SUMP 29.75X15.75FRP
LMD-3914-36-W	LMD DISPENSER SUMP ASSEMBLY 38.75x14,W	LMD-3617-S	LMD DISPENSER SUMP 36.0X17.25 FRP
LMD-4018	LMD DISPENSER SUMP 39.75 X 17.75	LMD-4113	LMD DISPENSER SUMP ASSEMBLY 41.5X13.2
LMD-4111	LMD DISPENSER SUMP 41.5 X 11	LMM-1410-D	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMD-4115	LMD DISPENSER SUMP 41.5 X 15.75	LMM-1410-S	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMM-1410	LMM DISPENSER SUMP 13.5 X 9.75	LMM-1913-T-D	LMM DISPENSER SUMP 19X13 FRP
LMM-1913-T	LMM DISPENSER SUMP 19 X 12 TOKHEIM	LMM-1913-T-S	LMM DISPENSER SUMP 19X13 FRP
LMM-2010	LMM DISPENSER SUMP 20.5 X 10	LMM-2010-D	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2018	LMM DISPENSER SUMP 20.8 X 18.3	LMM-2010-S	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2313-T	LMM DISPENSER SUMP ASSEMBLY 23 X 12	LMM-2018-D	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2407	LMM DISPENSER SUMP ASSEMBLY 23.75X7.5	LMM-2018-S	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2410-T-M	LMM DISPENSER SUMP ASSEMBLY 24 X 10	LMM-2313-T-D	LMM DISPENSER SUMP 23X12 FRP
LMM-2715	LMM DISPENSER SUMP-27 X 15	LMM-2313-T-S	LMM DISPENSER SUMP 23X12 FRP
LMM-2811	LMM DISPENSER SUMP ASSEMBLY 28.5 X 11	LMM-2407-D	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2915	LMM DISPENSER SUMP 29.75 X 15.75	LMM-2407-S	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2916-DEF	DEF-LMM DISPENSER SUMP 29.0X16.25	LMM-2715-D	LMM DISPENSER SUMP 27X15 FRP
LMM-3610	LMM DISPENSER SUMP 36 X 10.25	LMM-2715-S	LMM DISPENSER SUMP 27X15 FRP
LMM-3617	LMM DISPENSER SUMP 36.0X17.25	LMM-2811-D	LMM DISPENSER SUMP 28X11.5 FRP
LMM-3617-36-CGS	LMM DISPENSER SUMP	LMM-2811-S	LMM DISPENSER SUMP 28X11.5 FRP
LMM-3617-DEF	DEF-LMM DISPENSER SUMP 36.0X17.25	LMM-2915-D	LMM DISPENSER SUMP 29.75X15.75FRP
LMM-3914	LMM DISPENSER SUMP ASSEMBLY 38.75 X 14	LMM-2915-S	LMM DISPENSER SUMP 29.75X15.75FRP
LMM-3914-36-W	LMM DISPENSER SUMP ASSEMBLY 38.75x14,W		
LMM-4018	LMM DISPENSER SUMP 39.75 X 17.75		
LMM-4111	LMM DISPENSER SUMP 41.5 X 11		
LMM-4115	LMM DISPENSER SUMP 41.5 X 15.75		