



Franklin Fueling Systems

February 20, 2019

Adam Laws
Mid- South Steel Products, INC.
2071 Corporate Cir
Cape Girardeau, MO 63703

Phone: 573-335-5529
Email: Adam@midsouthsteel.com

Dear Mr. Laws,

Franklin Fueling Systems certifies that APT Containment Sumps, specifically the LMM-3914 and TSM 4736 are certified to be compatible with Fuel Ethanol, also known commercially as E85, containing 51 % to 83 % ethanol by volume under UL-971, file MH25274. Our poly and fiberglass containment range are certified to meet the ASTM D5798 standard which has a provision for compatibility with high blend ethanol 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.

For more information on ASTM D5798 follow the link below:

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

Sincerely,

Allan Busch
Senior Product Manager – Piping & Containment Systems
Franklin Fueling Systems

UL 2447 LISTED PRODUCTS

The UL 2447 requirement evaluates the safety of containment products intended for below or at grade use, which house, transfer or otherwise come in contact with fuel. The following is a listing of all Franklin Fueling Systems UL 2447 listed products.

COMPATIBLE FUELS

Automotive Fuels - only those fuels formulated in accordance with 40CFR80, "Regulation of Fuels and Fuel Additives," and meeting the following ASTM fuel specifications and blend limits:

- ASTM D975 diesel with or without biodiesel blends up to 5% (B5)
- ASTM D7467 diesel with biodiesel blends between 6% - 20% (B6 - B20)
- ASTM D4814 gasoline with ethanol blends up to 10% (E10)
- ASTM D5798 high-blend ethanol, with ethanol/gasoline blends between 51% - 83% (E51 - E83) - commercially known as "E-85"
- Mid-range ethanol, with ethanol/gasoline blends of ASTM D4814 and ASTM D5798 blends between 11% - 50% (E11 - E50)

TANK, DISPENSER, AND TRANSITION SUMPS

Part Number	Description
TSD-4542-IPB	TSD-4542 W/ SPECIAL IP
TSD-4736-IP	SRS/TNK SUMP-DEEP-36" MH W/ IP
TSD-4736-IPB	TSD-4736 W/ SPECIAL IP
TSD-W-4736	TNK SUMP-DEP BURY 36"ACCESS CV
TSM-4542-IPB	TSM-4542 W/ SPECIAL IP
TSM-4736	SRS- TNK SMP-MED.BURY 36"MNHLE
TSM-4736-IPB	TSM-4736 W/ SPECIAL IP
TSM-W-4736	TNK SUMP-MED BURY 36"ACCESS CV
TSS-4542	TNK SUMP-SHALLOW BURIAL 42" MH
TSS-4542-IPB	TSS-4542 W/ SPECIAL IP
DHW-3617	DISPENSER SUMP, 36X17 ASSEMBLY
LMD-1410	LMD DISPENSER SUMP 13.5 X 9.75
LMD-1913-T	LMD DISPENSER SUMP 19 X 12 TOKHEIM
LMD-2010	LMD DISPENSER SUMP 20.5 X 10
LMD-2018	LMD DISPENSER SUMP 20.8 X 18.3
LMD-2313-T	LMD DISPENSER SUMP ASSEMBLY 23X12
LMD-2407	LMD DISPENSER SUMP ASSEMBLY 23.75X7.5
LMD-2715	LMD DISPENSER SUMP-27 X 15
LMD-2811	LMD DISPENSER SUMP ASSEMBLY 28.5 X 11
LMD-2915	LMD DISPENSER SUMP 29.75 X 15.75
LMD-3610	LMD DISPENSER SUMP 36 X 10.25
LMD-3617	LMD DISPENSER SUMP 36X17.25
LMD-3914	LMD DISPENSER SUMP ASSEMBLY 38.75 X 14
LMD-3914-36-W	LMD DISPENSER SUMP ASSEMBLY 38.75x14,W
LMD-4018	LMD DISPENSER SUMP 39.75 X 17.75
LMD-4111	LMD DISPENSER SUMP 41.5 X 11
LMD-4115	LMD DISPENSER SUMP 41.5 X 15.75
LMM-1410	LMM DISPENSER SUMP 13.5 X 9.75
LMM-1913-T	LMM DISPENSER SUMP 19 X 12 TOKHEIM
LMM-2010	LMM DISPENSER SUMP 20.5 X 10
LMM-2018	LMM DISPENSER SUMP 20.8 X 18.3
LMM-2313-T	LMM DISPENSER SUMP ASSEMBLY 23 X 12
LMM-2407	LMM DISPENSER SUMP ASSEMBLY 23.75X7.5
LMM-2410-T-M	LMM DISPENSER SUMP ASSEMBLY 24 X 10
LMM-2715	LMM DISPENSER SUMP-27 X 15
LMM-2811	LMM DISPENSER SUMP ASSEMBLY 28.5 X 11
LMM-2915	LMM DISPENSER SUMP 29.75 X 15.75
LMM-2916-DEF	DEF-LMM DISPENSER SUMP 29.0X16.25
LMM-3610	LMM DISPENSER SUMP 36 X 10.25
LMM-3617	LMM DSPENSER SUMP 36.0X17.25
LMM-3617-36-CGS	LMM DISPENSER SUMP
LMM-3617-DEF	DEF-LMM DISPENSER SUMP 36.0X17.25
LMM-3914	LMM DISPENSER SUMP ASSEMBLY 38.75 X 14
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

Part Number	Description
LMT-1410	LM TOP ASSEMBLY 14" X 10.25
LMT-1913-T	LM TOP ASSEMBLY-19"X12" TOKHEIM
LMT-2010	LM TOP ASSEMBLY 20.5" X 10.375
LMT-2018	LM TOP ASSEMBLY 20.8" X 18.3
LMT-2313-T	TOP FRAME ADPTR GII 23 X 12
LMT-2407	TOP FRAME ADPTR GII 23.75X7.5
LMT-2715	LM DISPENSER TOP ASSEMBLY 27 X 15
LMT-2811	TOP FRAME ADPTR GII 28.5X11.0
LMT-2915	LM TOP ASSEMBLY 29.75"X15.75
LMT-3610	LM TOP ASSEMBLY 36" X 1-.25"
LMT-2916-DEF	LM TOP DEF ASSEMBLY 29.0" X 16.25
LMT-3617-36	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMT-3617-DEF	LM TOP DEF ASSEMBLY 36.0" X 17.25
LMT-3914	TOP FRAME ADPTR GII 38.75X14.0
LMT-3914-36-W	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMT-4018	LM TOP ASSEMBLY 40" X 18
LMT-4111	LM TOP ASSEMBLY 41.5" X 11
LMT-4115	LM TOP ASSEMBLY 41" X 15
LMD-2313-T-S	LMD DISPENSER SUMP 23X12 FRP
LMD-2407-S	LMD DISPENSER SUMP 23.75x7.5 FRP
LMD-2715-S	LMD DISPENSER SUMP 27X15 FRP
LMD-2811-S	LMD DISPENSER SUMP 28X11.5 FRP
LMD-2915-S	LMD DISPENSER SUMP 29.75X15.75FRP
LMD-3617-S	LMD DISPENSER SUMP 36.0X17.25 FRP
LMD-4113	LMD DISPENSER SUMP ASSEMBLY 41.5X13.2
LMM-1410-D	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMM-1410-S	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMM-1913-T-D	LMM DISPENSER SUMP 19X13 FRP
LMM-1913-T-S	LMM DISPENSER SUMP 19X13 FRP
LMM-2010-D	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2010-S	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2018-D	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2018-S	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2313-T-D	LMM DISPENSER SUMP 23X12 FRP
LMM-2313-T-S	LMM DISPENSER SUMP 23X12 FRP
LMM-2407-D	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2407-S	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2715-D	LMM DISPENSER SUMP 27X15 FRP
LMM-2715-S	LMM DISPENSER SUMP 27X15 FRP
LMM-2811-D	LMM DISPENSER SUMP 28X11.5 FRP
LMM-2811-S	LMM DISPENSER SUMP 28X11.5 FRP
LMM-2915-D	LMM DISPENSER SUMP 29.75X15.75FRP
LMM-2915-S	LMM DISPENSER SUMP 29.75X15.75FRP

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