



LIQUIDYNAMICS™

FLUID HANDLING TECHNOLOGY

GREASE SYSTEMS OPTIMIZED TO HANDLE THICK AND TACKIFIED GREASES – NOW WITH NEW HEAVY DUTY TWO WHEEL CART

Mobile Grease Kit for 120 lb. (16 gal.) drums.

This system is optimized to handle thick greases efficiently. Starting with the 60:1 ratio pneumatic pump, it provides up to 7,200 PSI of pumping pressure to ensure thick, tackified greases can be pumped with ease.

To make sure that this increase in pumping capability is not lost in pushing grease through a 1/4" hose, this system uses a 3/8" x 12' high pressure hose to ensure maximum pressure is applied at the grease fitting, where it is needed.

An integral part of a grease pumping system is the follower plate. The primary purpose of a follower plate is to keep grease "compacted" as it is pumped from the bottom of the drum (thus preventing cavitation). The LiquidDynamics follower plate incorporates a double 'O' ring design that seals snugly on the pump shaft to ensure that air is not ingested causing the pump to cavitate.

The follower plate center hub also works in conjunction with the inlet of the grease pump as grease nears the bottom of the drum (*See illustration on back page*). The follower plate hub covers the suction slots on the side of the pump shaft, forcing the pump to draw grease from the bottom of the drum. This allows almost all of the grease to be emptied from the drum, saving money, cleanup time and the environment.

This system includes a 60:1 ratio grease pump, cover, follower plate, air filter/regulator with connecting nipple, 3/8" x 15' high pressure grease hose, 'Z' swivel, grease control handle with rigid spout/4 jaw coupler and heavy duty two wheel cart.



P/N **13051T-S4H**
With Rigid Spout and Heavy
Duty Cart shown

These systems incorporate our NEW heavy duty two wheel cart which features large 8" diameter wheels and heavy gauge steel platform, providing the operator with excellent control when transporting, preventing equipment damage and lost time. Many competitors' systems use drum dolly's which are typically pulled via the hose or pushed via the pump head and are therefore easily tipped over when they encounter obstructions on the floor.

Part Number	13051T-S4H	13051T-S4FH
Pump Ratio	60:1	60:1
Delivery Rate (oz/min)	48	48
Working Air Pressure, PSI	50-120	50-120
Grease Discharge Pressure	3,000-7,200	3,000-7,200
Air Inlet (NPTF)	1/4"	1/4"
Grease Outlet (NPTF)	3/8"	3/8"
Air Consumption (cfm) Max.	12	12
Noise (dB)	79	79
Drum Size (lb)	120	120
Dia., Suction Tube (in)	1.26	1.26
Length Suction Tube (in)	29.50	29.50
Shipping Weight (lb)	56	56



P/N 13051T-S4FH

This system is the same as P/N 13051T-S4H shown on the front page, except it uses a flex grease control handle in place of the rigid.

PUMP AND FOLLOWER PLATE FEATURES

