

Corrosive Liquids Pump Assembly for Red Diesel Dye

MARKET

Energy Infrastructure

AVAILABLE

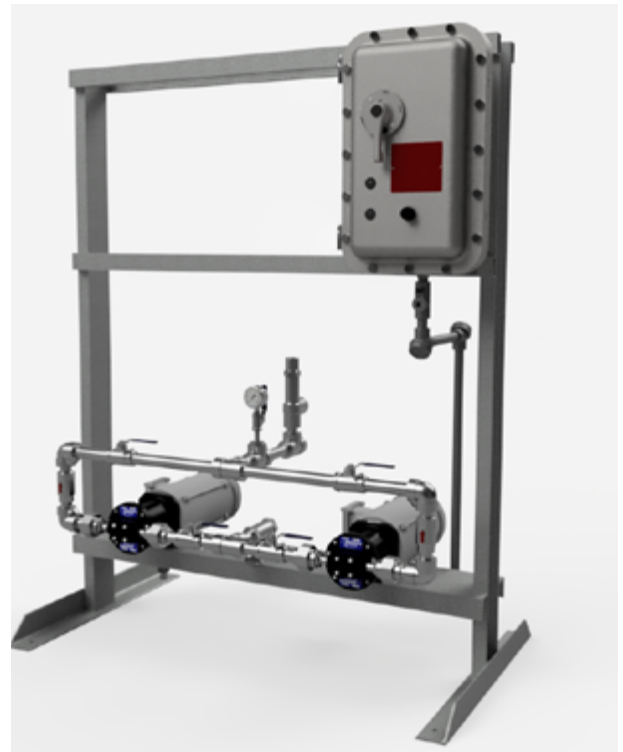
Worldwide

Chemtec pump assemblies for corrosive liquids are engineered to specifically handle the challenges of red diesel dye. These pump skids utilize a newly designed Tuthill pump that addresses the unique needs of this abrasive and non-lubricating dye.

Pump assemblies include all necessary valves and fittings. Pump racks are fabricated from structural steel and then hot dip galvanized or painted. Every completed pump assembly is then fluid-tested to ensure proper fit and operation.

DESIGN FEATURES

- Completely assembled, plumbed & wired
- Single pump or dual (redundant) pump configuration
- Racks are galvanized or painted white
- Combination starter/breaker, single or dual
- Fittings package includes Ful-flo pressure relief, isolation ball valves, pressure gauge(s), tubing, and associated components
- Optional pressure switch with auto failover for dual pump configuration
- Threaded connections (standard), socket welded pipe (optional)



Chemtec Dual Pump Assembly with Tuthill Pump

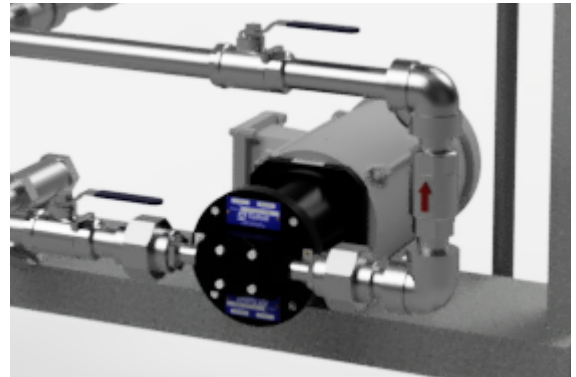
SPECIFICATIONS

Pump Model	Pump Size		Standard Motor Size	Inlet Connection	Strainer	Outlet Connection	Bypass Valve
	GPM	LPM					
6114	2	7.5	1 HP, 230/460 50//60hz., 3 Phase	1/2"	1"	1/2"	1"

Capacities based on nominal speed: 1725 rpm for 60hz. And 1425 rpm for 50hz., and will be lower at full load. Other motor speeds are available, price on application. Pump capacities are nominal for viscosity minimum of 100 SSU (20 cSt) and 25psi 9Kg/cm2), and will vary with viscosity and system pressures.

Chemtec Energy Services Corrosive Liquids Pump Assemblies

The Tuthill Red Dye Pump is a sealless internal gear pumps that eliminate the possibility of shaft leakage by eliminating the seal. Mag drive pumps are ideal for applications where leakage is a problem, such as dyes, acids, volatile organic chemicals, or toxic fluids.



Tuthill Red Dye Pump



Explosion-proof Starter/Breakers include:

- On/Off Main Disconnect
- Hand-Off-Auto Switches (Pump A & Pump B)
- Run Light (Pump A & Pump B)
- Reset (Pump A & Pump B)

Product Ordering

Mode Number	# of Pumps	Mounting Configuration	Assembly	Motor Voltage and Phase	Starter Breaker	Alternating Relay	Pressure Switch
6144	1 - Single Pump	CM - Channel Mount	0 - Threaded	0 - 115/230 VAC, 1 Phase	0 - No	0 - No	0 - No
	2 - Dual Pumps	RM - Rack Mount	1 - Socket Welded	1 - 230/460 VAC, 3 Phase	1 - Yes	1 - Yes	1 - Yes

Example: 6114 dual pump skid, rack mount, threaded, 230/460 VAC, 3 phase, w/Starter breaker, with alternating relay, with pressure switch (i.e. 6114-2-RM-0-1-1-1-1)