

# VALVE SEALANTS & LUBRICANTS

## Grease guns and fittings



### F10 HYDRAULIC GREASE GUN

The Jet-Lube F10 HYDRAULIC GREASE GUN is ideal for lubricating plug, ball and gate valves in high pressure applications. Recommended for high temperatures and harsh environments such as steam, hot oil, hot compressed gas and offshore, the gun allows highly viscous lubricants, packing and sealants to be pumped and is adaptable for pumping liquids or can be used for hydrostatic testing.



### F20 GREASE GUN

Rated at 10,000psi, the F20 HAND LEVER GREASE GUN may be used with stick or ball lubricant. The screw handle with spring and pistol cup provides automatic priming with each stroke of the plunger. Excellent for well head, pipeline, pumping station, refinery, heavy construction, marine and industrial equipment applications. Model F30 available with heavy duty 15,000psi performance.

### COMPARISON CHART

JET-LUBE®	CHEMOLA DESCO	CLIMAX	COOPER/CAMERON	FMC	HUSKEY	LUBCHEM	NORDSTROM BTR/AUDCO	OCR	R.S. CLARKE & CO	SEALWELD	T.S. MOLY	VALTEX	ABB VETCO GRAY	W-K-M	OTHERS
EZY-TURN® #2	600	650, 800	0315452701 (stick) 0315452702 (stick)	3256666 (K Stick)	#6	#1, #4	555 WG	600/1	---	EQUA-LUBE 80	---	80	Y002 or VGS 5.3100.1	112	DANIEL TYPE 1 SIZE "B"
EZY-TURN® #3	111 (HS) 955	900	---	G70200	---	#3	---	---	C.M. Compound	---	---	PL 1000	---	---	Weatherford Well Cat
EZY-TURN® #3 Stick	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Halliburton Lo-Torque Plug Valve
EZY-TURN® #4	422	350A Poly Seal 3	---	---	---	---	735	---	VALVE LUBE 601	---	---	50 972K	---	---	---
EZY-TURN® #5	600, 800	650, 800	See EZY-TURN #2	P/N 3256666 (stick)	#4	---	555, 654	611 (stick)	---	---	---	85	---	---	---
EZY-TURN® #6	---	Poly Seal 6, 220	---	---	---	50-400 FORMASIL CO2	1033	---	---	---	---	---	---	---	---
EZY-TURN® #7	433	---	---	---	---	---	---	---	---	---	---	---	---	---	---
EZY-TURN® #8	TFE SEAL 104	900 TC	---	---	#2 HD Teflon	#1, #2, #3	---	404	---	#5050	---	---	---	---	---
EZY-TURN® #12	620	102-SWS & 110	---	---	---	102 SPECIAL & 196 SPECIAL	---	606	---	---	---	60	---	102	McEVROY RS 1608
EZY-TURN® #22	622	650, 800	---	---	#6	#1, #4	733	---	---	---	---	---	VGS 53100.1	112/105	---
EZY-TURN® 196	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
EZY-TURN® BODY FILL	TF-41 960	5-100	700667-5lb; 700668-20lb; 700669-120lb keg; 700770-400lb dnm PS-1-1603; 700676-25 lb	G70100	BODY FILL	LONGLIFE 1600 (closer to Jet-Lube CB 2)	X-208	---	G.P. VALVE GREASE	---	---	---	---	108	---
EZY-TURN® HIGH TEMP	---	---	---	G 70111	---	---	---	---	---	---	HT-44 TS-66	---	VS.3100.2	---	---
EZY-TURN® H/S	55-14	340 360HS	PS-1-1605, TS-41H 71383711-5lb; 71383712-25lb; 71383713-120lb keg; 700671-120lb keg; 71383714-400lb dnm	---	---	50-500	X-184	---	---	D-1014	---	972	---	375	Magnalube
EZY-TURN® POLAR	HS-LT 111 (LT)	901 Frosty 220	PS-1-1604; 700671-5lb; 700672-25lb; 700673-120lb keg; 700674-400lb dnm	G70302	---	LONGLIFE ARCTIC BP ARCTIC	862	610	L.T. VALVE LUBE & H.L. LOW TEMP ES 710	---	LT-22 TS-67	---	Y004 VGS 5.3100.3; LT-200	---	---
EZY-TURN® PVS	No Equal	No Equal	No Equal	No Equal	No Equal	No Equal	950	No Equal	No Equal	Total Lube 911	---	No Equal	No Equal	No Equal	No Equal
EZY-OPEN® Gel	VALVE CUT	Valve Turn	---	---	Valve Cheater	VALVE SAVER	VPX Valve Purge	613	---	Valve Cleaner	---	---	---	---	---
EZY-PAK®100	VERSI-PAK	PAC EZ	---	---	---	TFE Stem Pack	---	---	---	Slick Sticks	---	---	---	---	Bergmann 8032 SCW
EZY-PAK®115	#625	---	J STIK 022176 -06-000-00	---	---	TFE Self Mold Packing	Stem Packing 903	---	---	---	---	---	---	109, 115, 107	---
EZY-PAK®120	STEM-PAK	---	---	G70700	---	PAK-OFF	Stem Packing 909	---	---	---	---	---	300-461-2	---	---
EZY-PAK®125	ARCTIC PAK & SILICONE PAK 2511	---	---	---	---	Low Temperature Pak	---	---	---	---	---	---	---	---	---
SILICONE COMPOUND DM	244	204(MP SIL) 6611 (DM-3)	---	DM-1 G70400 DM-2 G70600	---	---	921, 234	NC 111	---	Silicone Lubricant	---	202	---	---	01 Valve Sealant = DM-5 NLGI #3 Valve Lube = DM-3 J.M. HUBER RESIN SEALANT #101



Industrial Products      Food Grade Products      Aerosol Products      Marine Lubricants      Oilfield Compounds



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# VALVE SEALANTS & LUBRICANTS

## Gate valve and expanding valve products



### EZY-TURN #2

Readily pumpable vegetable based sealant/lubricant with no solid fillers. Use in contact with liquid and gaseous hydrocarbons, condensate, crude oils, kerosene, jet fuel, dilute acids and alkalis.

Service range: -18°C to 230° C



### EZY-TURN BODY FILL

Petroleum based valve lubricant/sealant/body filler that is effective at driving out water and foreign bodies from valve body cavities. Good metal adhesion ensures EZY-TURN BODY FILL is not washed out quickly extending service life. Petroleum based formulation keeps the cost down and makes it suitable for non-hydrocarbon or low hydrocarbon applications. Good for close tolerance valves.

Service range: -29°C to 260° C



### EZY-TURN #4

Polyester based synthetic sealant/lubricant with solid lubricant. Polyester base gives better aliphatic hydrocarbon resistance and wider temperature range. Contains graphite to fill scored areas and prevent parts binding in valves. Use in contact with liquid and gaseous hydrocarbons, condensate, crude oils, kerosene, gasoline, jet fuel, dilute acids and alkalis.

Service range: -40°C to 260° C



### EZY-TURN #22

Synthetic/vegetable based lubricant and sealant for expanding gate and most other gate valve designs as well. Extended low temperature range and contains no solid fillers, making EZY-TURN #22 a superior lubricant of close-fitting parts and easy to pump. Use on aqueous solutions, dilute acids and alkalis, petroleum gases (including natural gas and LPG), liquid petroleum products, water and brine.

Service range: -46°C to 149° C



### EZY-TURN #12

Hydrocarbon resistant 'peanut butter' type sealant and lubricant formulated for most types of gate valve, but particularly the expanding gate type with body cavity. Vegetable and polymer base makes it a good lubricant and effective sealant in contact with most media. Use on aqueous solutions, dilute acids and alkalis, petroleum gases and liquids, water and brine.

Service range: -18°C to 121° C



### EZY-TURN #196

EZY-TURN #196 has been formulated from a blend of vegetables and synthetic based oils. It has enhanced water resistant solid fillers and space age polymeric fibres for extreme applications. Use for oilfield Christmas trees, in line valves, expanding gate valves and many other valve types where conditions are severe. Resistant to hydrocarbon/water mixtures, ideal in heavy marine and industrial applications.

Service range: -0°C to 260° C



### EZY-TURN H<sub>2</sub>S

A blend of synthetic and vegetable oils thickened with silica to provide maximum resistance to the effects of H<sub>2</sub>S in hydrocarbon duties. Contains graphite to fill scored areas and prevent binding. Use on sour gas and crude, water, dilute acids, diesel fuel and other hydrocarbons.

Service range: -18°C to 204° C



### EZY-TURN HI-TEMP

A premium, non-melting, synthetic based lubricant and sealant for use in a wide variety of valve types. Excellent for valves utilised in high temperature services such as geothermal well heads, steam and refineries. The high viscosity base fluid is unaffected by acids, alkalis, oils, CO<sub>2</sub>, H<sub>2</sub>S, glycols, water, steam, alcohols and similar solvents.

Service range: -32° C to 316° C



### EZY-TURN POLAR

A mineral oil based sealant designed for oilfield use under arctic conditions. EZY-TURN POLAR is not affected by H<sub>2</sub>S encountered in crude and gas conditions. Pumpable with a high pressure lubricator. Use for carbon dioxide, sour crude, hydrogen sulphide and sour gas.

Service range: -59°C to 177° C

# VALVE SEALANTS & LUBRICANTS

## Plug and ball valve products



### EZY-TURN #5

High viscosity vegetable oil based plug valve sealant and lubricant formulated to suit the broadest spectrum of hydrocarbon and aqueous media. Contains a high stability thickener to give consistent in-valve performance and no solids that could impede lubrication in close-fitting areas. Use for aliphatic hydrocarbons, crude oil, natural gas, fuel oils, gasoline, dilute acids/alkalis and water.

Service range: -18°C to 204° C



### EZY-TURN #6

Fully synthetic valve sealant that gives the best possible hydrocarbon resistance, pumpability, and firmness over a wider temperature range than what is achievable with a vegetable oil based product. Use for aliphatic hydrocarbons, aqueous solutions, crude oil, diesel, dilute acids/alkalis, natural gas, LPG and water.

Service range: -35°C to 260° C



### EZY-TURN #7

Formulated from premium food grade synthetic fluids for maximum hydrocarbon resistance over a broad temperature range. Pumpable and usable at low temperatures, it also retains its firm consistency at very high temperatures when injected into the valve and oxygen contact is avoided. Use for aliphatic hydrocarbons, aqueous solutions, crude oil, diesel, dilute acids/bases and natural gas.

Service range: -35°C to 260° C



### EZY-TURN #8

Vegetable oil based valve sealant with a high concentration of PTFE particles for use in leaky, worn, damaged and high clearance valves where leakage paths need to be sealed off. EZY-TURN #8 has good hydrocarbon and water resistance, is readily pumpable and can be used as a stem packing or thread sealant. Use for aliphatic hydrocarbons, aqueous solutions, crude oil, fuel oil, kerosene, dilute acids/alkalis, natural gas and water.

Service range: -18°C to 260° C



### EZY-TURN #3 ARCTIC

EZY-TURN #3 Arctic is a blend of biodegradable oils and solid lubricants. Formulated specifically to remain pumpable at low temperature conditions. Use for pipeline and compressor station applications. Resistant to all aliphatic hydrocarbons and H<sub>2</sub>s. Reduces torque and prevents corrosion.

Service range: -57°C to 260° C



### EZY-TURN PVS

EZY-TURN PVS (Plug Valve Supreme) is a high viscosity vegetable oil based valve sealant with additional polymers and micro-fine PTFE particles for maximum sealing power and minimum actuation torque. EZY-TURN PVS has good hydrocarbon and water resistance, is readily pumpable and is formulated as a universal primary sealant for refineries, not just for plug and ball valves, but also for gate valves and orifice fittings. Use for aliphatic hydrocarbons, aqueous solutions, crude oil, fuel oil, kerosene, dilute acids/alkalis, natural gas and water.

Service range: -29°C to 232° C

# VALVE SEALANTS & LUBRICANTS

## Injection packings and penetrants



### EZY-OPEN

A soft gel specifically formulated from a select group of non-flammable, non-toxic and biodegradable fluids designed to penetrate scale, rust, corrosion and old oxidised, hardened valve lubricants. EZY-OPEN contains a powerful dispersal and detergent to aid in the removal of gum and lacquer, metal wetting agents to aid in the penetration of scale and rust and PTFE to reduce the torque required to break the valve free. Use for aliphatic hydrocarbons, butane, hot gases, natural gas, propane, LPG and fuel oil.

Service range: -23°C to 204° C



### EZY-PAK #100

An injectable packing compound with a high content of ground PTFE particles that can be injected or hand packed into any area that requires a chemically inert packing. Under heat and pressure, a small amount of binder may leak from the fittings - re-injection of compound under pressure will activate the seal, forming an almost pure PTFE sealing material. Use for any application where the chemical resistance of a PTFE gasket or packing is required.

Service range: -18°C to 288° C



### EZY-PAK #115

Formulated from synthetic fluids and inert fillers and a high percentage of ground PTFE particles for performance over a wide temperature range, EZY-PAK #115 packing compound is designed specifically for use in expanding type gate valve stem glands and is ideal for preventing leaks while lowering torque required to operate the valve. Ideal for use in any industrial or marine application requiring a leak-free seal in an expanding type gate valve.

Service range: -62°C to 288° C



### EZY-PAK #120

Made with hydrocarbon resistant vegetable oils, polymers, inert fillers and high temperature fibres blended to produce a dough-like, general purpose packing compound. Hydrocarbon and water resistant, EZY-PAK #120 is recommended for use in any oilfield, industrial or marine application in which an injectable packing is desired to fill an internal void.

Service range: -18°C to 260° C



### EZY-PAK #125

Providing a flexible packing under temperatures as low as -60°C, EZY-PAK #125 is specifically designed for use in severe arctic conditions. EZY-PAK #125 is made from synthetic binders, polymers, inert fillers and fibres. Its excellent water resistance allows for use in steam applications.

Service range: -60°C to 288° C



### SILICONE COMPOUND DM

Non-melting low volatility premium silicone compound with excellent water-proofing ability, making it the ideal sealant and lubricant for valves used in wet conditions. DWI approved for cold potable water applications.

Service range: -57° C to 204° C

NSF Registered H1.

Our products are available in a range of pack sizes. Contact us for more information.