

Manzel® Lubrication Equipment

Safeguarding the World's Natural Gas Distribution Network



Box Lubricator Systems

Pumps

The industry's most complete, highest performing force feed pumps



GBL-7500

Features

- Rugged construction for high performance and durability
- Suction and gravity/pressure feed models for application flexibility
- Precise, accurate output – sightglass drops indicate actual oil flow

Technical Specifications

Pump	Maximum Pressure	Feed Type	
		Suction	Pressurized
Model 25*	1,000 psi (68 bar)	X	
DSL	3,000 psi (207 bar)	X	X
GBL-7500	7,500 psi (517 bar)	X	X
MVB	8,000 psi (551 bar)		X
HP 15	15,000 psi (1,034 bar)	X	
HP 50	50,000 psi (3,448 bar)	X	

*Indoor use only

Series Progressive System

Divider Valves



The industry standard for natural gas engines and compressors

Features

- Precisely proportions oil volume to meet the needs of every lube point
- Operates sequentially to ensure no point is missed
- Ideal for compressor and engine application or anywhere high pressure lubrication is required
- FKM seals standard in MHH valves for temperature and material compatibility

Technical Specifications

	MH6	MH9	MH12	MH15	MH18	MH21	MH24	MH30
Maximum Pressure MHH Valve	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)	7,500 psi (517 bar)
Output Twin Outlet, in ³ (cm ³)	0.006 (0.098)	0.009 (0.148)	0.012 (0.197)	0.015 (0.246)	0.018 (0.295)	0.021 (0.344)	0.024 (0.393)	0.030 (0.492)
Output Single Outlet, in ³ (cm ³)	0.012 (0.197)	0.018 (0.295)	0.024 (0.393)	0.030 (0.590)	0.036 (0.590)	0.042 (0.688)	0.048 (0.787)	0.060 (0.983)

The broadest range of equipment, backed by the largest worldwide distribution network

Accessories

System Accessories

A full range of accessories to ensure complete and accurate lubrication



Simple point troubleshooting with visual indication and simple reset

Reset Indicator

- Provides quick troubleshooting tool with visual indication
- Easy information on blocked lines, high system pressure or blocked bearings



Magnetically-operated sensing devices for sending system data to the controller or PLC

Proximity Switch

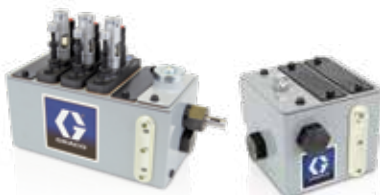
- Monitors piston movement to ensure completed lubrication cycle
- Provides positive feedback based on actual metering piston movement
- Explosion-proof options available



Indicates flow or no-flow

Lube Line Alert

- Universal use – operates in any air free force feed lubrication system
- Sensitive to a wide range of flow – from 0.006 to 190 cubic inches per minute
- Operates on systems up to 10,000 psi (689 bar)
- Explosion-proof – UL and CSA Listed for Class I Groups C and D and Class II Groups E, F and G. Division 1 and 2 when installed as per NEC 501.



Made for bolt-on gas compressor box lubrication solutions and triplex and quintuplex mud pump applications

MB Specialty Boxes

- 60:1 and 118:1 internal gear reductions
- Leak-proof welded steel reservoir
- Common OEM-spec mounting options



Magnetic Cycle Indicator

- Visual, high-visibility cycle indication

Contact us today!

Call **800-533-9655** to speak with a Graco representative, or visit **www.graco.com** for more information.

