

Comparison sheet for EGM2 pump and NEW EGM-50TH pump
 Text in bold are the specification that has been changed from GMS pump

PRA-EGM50TH-001-2
 12-Thg9-18
 LUBE Corporation
 Product reliability assurance group

No.	Specification items	EGM2	NEW EGM-50TH		
1	Pump	Discharge volume	10mL/min		
		Discharge pressure	8MPa/10MPa	10MPa	
		Restriction on operation time	Up to 7.5 minutes	No restriction	
		Use viscosity range	NLGI No. 000, 0, 1	NLGI No. 00, 0, 1	
		Recommended grease	MPO, FS2, NS2(2), LFL180, etc.		
		Cap.	Cartridge	700mL	200mL, 400mL, 700mL
			Reservoir	----	260mL, 800mL
		Use temperature	5~40°C (PDI)	0~50°C (PDI)	
		Grease level switch	Option available for only 700ml cartridge		
		Manual override button	Option		
Grease inlet filter	N/A	Available			
2	External *Comparison in external dimension	Dimension(700mL cartridge)	W179xD136xH226		
		Mounting dimension	Pitch: 104mmx25mm, Installation holes: 4-φ9		
		Weight	2.0Kg (without cartridge) (700mL cartridge type)	2.2Kg (without cartridge) (700mL cartridge)	
		Discharge port	Left side	Right side	
		Wiring port	By switching from conventional pump to new EGM50TH, 200mm longer wires will be required to connect to DIN terminal.		
3	Electricity	Voltage	DC24V		
		Starting current	4.1A	3.0A	
		Rated current	1.9A	1.5A	
		Wiring type	Terminal	DIN terminal	
		Circuit board	N/A	Starting current restricted board	
4	Reliability **Page 5	Drive mechanism	Eccentric cam		
		Outlet check valve	Ball check	Rubber and metal	
		Relief valve		Ball check	
		Depressurizing mechanism	Linear type: Solenoid directly pulls spool	Leverage type: Solenoid pulls lever connected to spool	
		Pump life	500 hours	1,500 hours	
		Vibration resistance		4.5G	
		IP Standard	IP54 (connector)	IP54	
CE Marking	Available for only standard pumps				
5	Environment	RoHS2	Incompliant	Compliant	
		Loudness volume	64dB	68dB	
6	Maintenance **Page 8	Modular parts for replacing contaminated check part	N/A	Available	
		Air bleeding		Hex plug	

*Refer to "Comparison in External dimension between GM, EGM and NEW EGM-50TH

**Refer to "Regarding switching from GM and EGM to NEW EGM-50TH

