

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

PRA-EGM50TH-001A

22-Thg10-18

LUBE Corporation

Product reliability assurance group

No.	Specification items	EGM	NEW EGM-50TH		
1	Pump	Discharge volume	10mL/min		
		Discharge pressure	10MPa		
		Restriction on operation time	Up to 7.5 minutes	No restriction	
		Use viscosity		NLGI No. , 00, 0, 1	
		Recommended grease		MPO, FS2, NS2 (2) LFL180, etc.	
		Cap.	Cartridge	200mL, 400mL, 700mL,	
			Reservoir	260mL, 800mL	
		Use temperature	0~40°C (PDI)	0~50°C (PDI)	
		Grease level switch	No (External level switch is available for specific tank)	Available for only 700mL cartridge type	
		Manual override button	N/A	Option	
Grease inlet filter	N/A	Available			
2	External *Comparison in external dimension	Dimension(700mL cartridge)	W179xD141xH251		
		Mounting dimension	Pitch: 104mmx25mm, Installation holes: 4-φ9		
		Weight	1.8Kg(without cartridge) (700mL cartridge type)	2.2Kg(without cartridge) (700mL cartridge)	
		Discharge port	Front side (PDI discharge port)		
		Wiring port	Left side	Right side	
3	Electricity	Voltage	DC24V		
		Starting current	4.1A	3.0A	
		Rated current	1.9A	1.5A	
		Wiring type	Lead	DIN(Standard)	
		Circuit board	Lead wire	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	
		Vibration resistance		4.5G	
		IP Standard	N/A	IP54 (DIN)	
		CE Marking		Available for only standard pumps	
5	Environment	RoHS2	Incompliant	Compliant	
		Loudness volume	64dB	68dB	
6	Maintenance **Page 8	Modulated 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