

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

PRA-EGM50TH-001-6A
 05-Thg10-18
 LUBE Corporation
 Product reliability assurance group

No.	Specification items	GMS	NEW EGM-50TH		
1	Pump	Discharge volume	20mL/min	10mL/min	
		Discharge pressure	8MPa	10MPa	
		Restriction on operation time		No restriction	
		Use viscosity		NLGI No. 00, 0, 1	
		Recommended grease		MPO, FS2, NS2 (2), LFL-180, etc.	
		Cap.	Cartridge	400mL, 700mL	200mL, 400mL, 700mL
			Reservoir		260mL, 800mL
		Use temperature	0~40°C (PD1)	0~50°C (PD1)	
		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 only for 700mL cartridge			
2	External *Comparison in external dimension	Dimension(700mL cartridge)	W172xD101xH351	W179xD136xH226	
		Mounting dimension	Pitch: 70mmx25mm, Installation holes: 4-φ9		
		Weight	***Kg (without cartridge) (700mL cartridge)	2.2Kg (without cartridge) (700mL cartridge)	
		Discharge port		Front lower part	
		Wiring port	Left side	Right side	
3	Electricity	Voltage		DC24V	
		Starting current	7A	3.0A	
		Rated current	1A	1.5A	
		Voltage*	AC100, AC200	N/A	
		Wiring type	Lead wire	DIN (Standard), Lead wire	
		Circuit board	N/A	Starting current restricted board	
4	Reliability **Page 5	Drive mechanism	Crank	Eccentric cam	
		Outlet check valve	Ball check	Rubber and metal	
		Relief valve		Ball check	
		Depressurizing mechanism	Built-in automatic depressurizing	Solenoid depressurizing	
		Pump life	500 hours	1,500 hours	
		Vibration resistance		4.5G	
		IP	N/A	IP54 (DIN Terminal)	
		CE		Available for only standard pumps	
5	Environment	RoHS2	Incompliant	Compliant	
		Loudness volume	64dB	70dB	
6	Maintenance **Page 8	Modular parts for replacing contaminated check part	N/A	Available	
		Air bleeding	Push button plug	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