

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-001-4  
 05-Thg10-18  
 LUBE Corporation  
 Product reliability assurance group

No.	Specification items	GMS	NEW EGM-50TH		
1	Pump	Discharge volume	20mL/min		
		Discharge pressure	8MPa		
		Restriction on operation time	Up to 7.5 minutes	<b>No restriction</b>	
		Use viscosity range		NLGI No. 00, 0, 1	
		Recommended grease		MP0, FS2, NS2(2), LFL180, etc.	
		Cap.	Cartridge	400mL, 700mL	<b>200mL, 400mL, 700mL</b>
			Reservoir		260mL, 800mL
		Use temperature	0~40°C (PDI)	<b>0~50°C (PDI)</b>	
		Grease level switch	No (External level switch is available for specific tank)	<b>Option available for only 700mL cartridge type</b>	
		Manual override button	N/A	<b>Option</b>	
Grease inlet filter	N/A	<b>Option available for only 700mL cartridge type</b>			
2	External *Comparison in external dimension	Dimension(700mL cartridge)	<b>W179xD134xH267</b>		
		Mounting dimension	Pitch: 70mmx25mm Installation holes: 4-φ9		
		Weight	3.0Kg(without cartridge) (700mL cartridge type)	<b>2.2Kg(without cartridge) (700mL cartridge)</b>	
		Discharge port		Front lower part	
		Wiring port	Left side	<b>Right side</b>	
3	Electricity	Voltage	<b>DC24V</b>		
		Starting current	8.1A	<b>3.0A</b>	
		Rated current		2.1A	
		Voltage*	AC100, AC200	<b>N/A</b>	
		Wiring type	Lead wire	<b>DIN(Standard), Lead wire</b>	
		Circuit board	N/A	<b>Starting current restricted board</b>	
4	Reliability **Page 5	Drive mechanism	Crank	<b>Eccentric cam</b>	
		Outlet check valve	Ball check	<b>Rubber and metal</b>	
		Relief valve		Ball check	
		Depressurizing mechanism	Linear type: Solenoid directly pulls spool	<b>Leverage type: Solenoid pulls lever connected to spool</b>	
		Pump life	500 hours	<b>1,500 hours</b>	
		Vibration resistance		4.5G	
		IP Standard	N/A	<b>IP54(DIN)</b>	
		CE Marking		Available for only standard pumps	
5	Environment	RoHS2	Incompliant	<b>Compliant</b>	
		Loudness volume	64dB	<b>70dB</b>	
6	Maintenance **Page 8	Modular parts for replacing contaminated check part	N/A	<b>Available</b>	
		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