

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

PRA-EGM50TH-001-5  
 10-Thg10-18  
 LUBE Corporation  
 Product reliability assurance group

No.	Specification items		GMNH	NEW EGM-50TH	
1	Pump	Discharge volume		10mL/min	
		Discharge pressure		20MPa	
		Restriction on operation time		No restriction	
		Use viscosity range		NLGI No. 00, 0, 1	
		Recommended grease		MPO, FS2, NS2(2), LFL180, etc.	
		Cap.	Cartridge		400mL, 700mL
			Reservoir		260mL
		Use temperature		0~40°C (PDI)	<b>0~50°C (PDI)</b>
		Grease level switch		N/A	<b>Available for only 700mL cartridge type</b>
		Manual override button		N/A	<b>Option</b>
Grease inlet filter		N/A	<b>Available for only 700ml cartridge type</b>		
2	External *Comparison in external dimension	External	DC24V Type (700mL)	W197xD134xH310	<b>W179xD134xH267</b>
			AC Type (700mL)	W257xD134xH310	-----
		Mounting dimension		Pitch:70mmx25mm Installation holes:4-φ9	
		Weight	DC24V Type	2.8Kg (without cartridge) (700mL cartridge type)	<b>2.0Kg (without cartridge) (700mL cartridge)</b>
			AC Type	3.1Kg (without cartridge) (700mL cartridge type)	-----
		Discharge port			Front lower part
		Wiring port		Left side	<b>Right side</b>
3	Electricity	Voltage	DC24V	<b>DC24V</b>	
		Starting current	7.0A	<b>3.0A</b>	
		Rated current	1.2A (Max.)	<b>2.1A (Max.)</b>	
		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	
		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	71dB	<b>69dB</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