

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

PRA-EGM50TH-001-1  
 02-Thg10-18  
 LUBE Corporation  
 Product reliability assurance group

No.	Specification items	EGME	NEW EGM-50TH	
1	Pump	Discharge volume	10mL/min	
		Discharge pressure	10MPa	
		Restriction on operation time	No restriction	
		Use viscosity range	NLGI No. 00, 0, 1	
		Recommended grease	MPO, FS2, NS2 (2), LFL180, etc.	
		Cap.	Cartridge	200mL, 400mL, 700mL
			Reservoir	260mL, 800mL
		Use temperature	5~40°C (PDI)	0~50°C (PDI)
		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>W216xD141xH251</b>	
		Mounting dimension	Pitch: 104mmx25mm, Installation holes: 4-φ9	
		Weight	2.0Kg(without cartridge) (700mL cartridge type)	<b>2.2Kg(without cartridge) (700mL cartridge)</b>
		Discharge port	Left side	<b>Right side</b>
		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	3.0A	
		Rated current	1.2A	<b>1.5A</b>
		Wiring type	Terminal board	<b>DIN(Standard), Lead wire</b>
		Circuit board	Solenoid control circuit board	<b>Starting current restricted board</b>
4	Reliability **Page 5	Drive mechanism	Eccentric cam	
		Outlet check valve	Ball check	<b>Rubber and Metal</b>
		Relief valve		Ball screw
		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>
5	Environment	RoHS2	Incompliant	<b>Compliant</b>
		Loudness volume	64dB	<b>68dB</b>
6	Maintenance **Page 8	Modular parts for replacing contaminated check part	N/A	<b>Available</b>
		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