

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

PRA-EGM50TH-001-MA
 12-Thg9-18
 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 range	NLGI No00, 0, 1	
		Recommended grease	MPO, FS2, NS2(2), LFL180, etc.	
		Cartridge capacity	400mL	
		Reservoir tank capacity	260mL	
		Use temperature	5~40°C (PDI)	5~50°C (PDI)
		Grease level switch	N/A (External level switch is available for specific tank)	
		Manual override button	N/A	
		Grease inlet filter	N/A	
2	External *Page 3-4	Dimension (400mL cartridge)	W173xD130xH379	
		Dimension (260mL reservoir)	W184xD130xH238	
		Mounting dimension	Pitch: 104mmx25mm, Installation holes: 4-φ9	
		Weight (400mL cartridge)	1.9Kg (without cartridge)	2.1Kg (without cartridge)
		Weight (260mL reservoir)	2.0Kg	2.2Kg
		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 wire	DIN (Standard), Lead wire (1.2m)
		Circuit board	N/A	Starting current restricted board
4	Reliability *Page 5-6	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	1,500 hours
		Vibration resistance		4.5G
		IP Standard	N/A	IP54 (DIN)
5	Environment	CE Marking	Available for only standard pumps	
		RoHS2	Incompliant	Compliant
6	Maintenance *Page 8	Loudness volume	64dB	68dB
		Modular parts for replacing contaminated check part	N/A	Available
		Air bleeding		Hex plug

*Refer to "Regarding switching from GM and EGM to NEW EGM-50TH"