Comparison sheet for EGME2 pump and NEW EGM-50TH pump

Text in bold are the specification that has been changed from EGME2 pump

PRA-EGM50TH-001-3
01-Thg1-19
LUBE Corporation
Product reliability assurance group

No.	Specification items			EGME2	NEW EGM-50TH
1	Pump	Discharge volume		10mL/min	
		Discharge pressure		8MPa/10MPa	**10MPa**
		Restriction on operation time		No restriction	
		Use viscosity range		NLGI No. 000, 0, 1	**NLGI No. 00, 0, 1**
		Recommended grease		MP0, FS2,	NS2(2), LFL180, etc.
		Cap.	Cartridge	700mL	**200mL, 400mL, 700mL**
			Reservoir	260mL,800mL	
		Use temperature		5~40℃(PDI)	**0~50℃(PDI)**
		Grease level switch		Available for only 700mL cartridge type	**Available for only 700mL cartridge type**
		Manual override button		Option	
		Grease inlet filter		N/A	**Available for only 700ml cartridge type**
2	External *Comparison in external dimension	Dimension(700mL cartridge)		W234xD141xH241	**W179xD136xH226**
		Mounting dimension		Pitch: 104mmx25mm Installation holes: 4-φ9	
		Weight		2.0Kg(without cartridge) (700mL cartridge type)	**2.2Kg(without cartridge) (700mL cartridge)**
		Discharge port		Front side	
		Wiring port		Left side	**Right side**
				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	**1.5A**
		Wiring type		Terminal	**DIN terminal**
		Circuit board		Solenoid control circuit board	**Starting current restricted board**
4	liability **Page 5	Drive mechanism		Eccentric cam	
		Outlet check valve		Ball check	**Rubber and metal**
		Relief valve		Ball screw	
		Depressurizing mechanism		Linear type: Solenoid directly pulls spool	**Leverage type: Solenoid pulls lever connected to spool**
		Pump life		500 hours	**1,500 hours(500 hours for LHL)**
		Vibration resistance		4.5G	
		IP Standard		IP54(with connector)	**IP54**
		CE Marking		Available for only standard pumps	
5	Environment	RoHS2		Incompliant	**Compliant**
		Loudness volume		64dB	68dB
6	Maintenance **Page 8	Modular parts for replacing contaminated check part		N/A	**Available**
		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