Install newest software

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
  CIM2479 addresses this alarm which is predominant during start-up on Winergy Gearboxes. The solution will likely be the result of a software adjustment. Monitor the news on CIM case 2479 for the latest information on the case and solution.

Relevant CIM case		
CIM case	**Task list**	**SWI**
2479		

Review parameters

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
  Review default parameter list and return parameters to factory settings.

Replace pressure transmitter

Does this solve the problem?

1] Yes

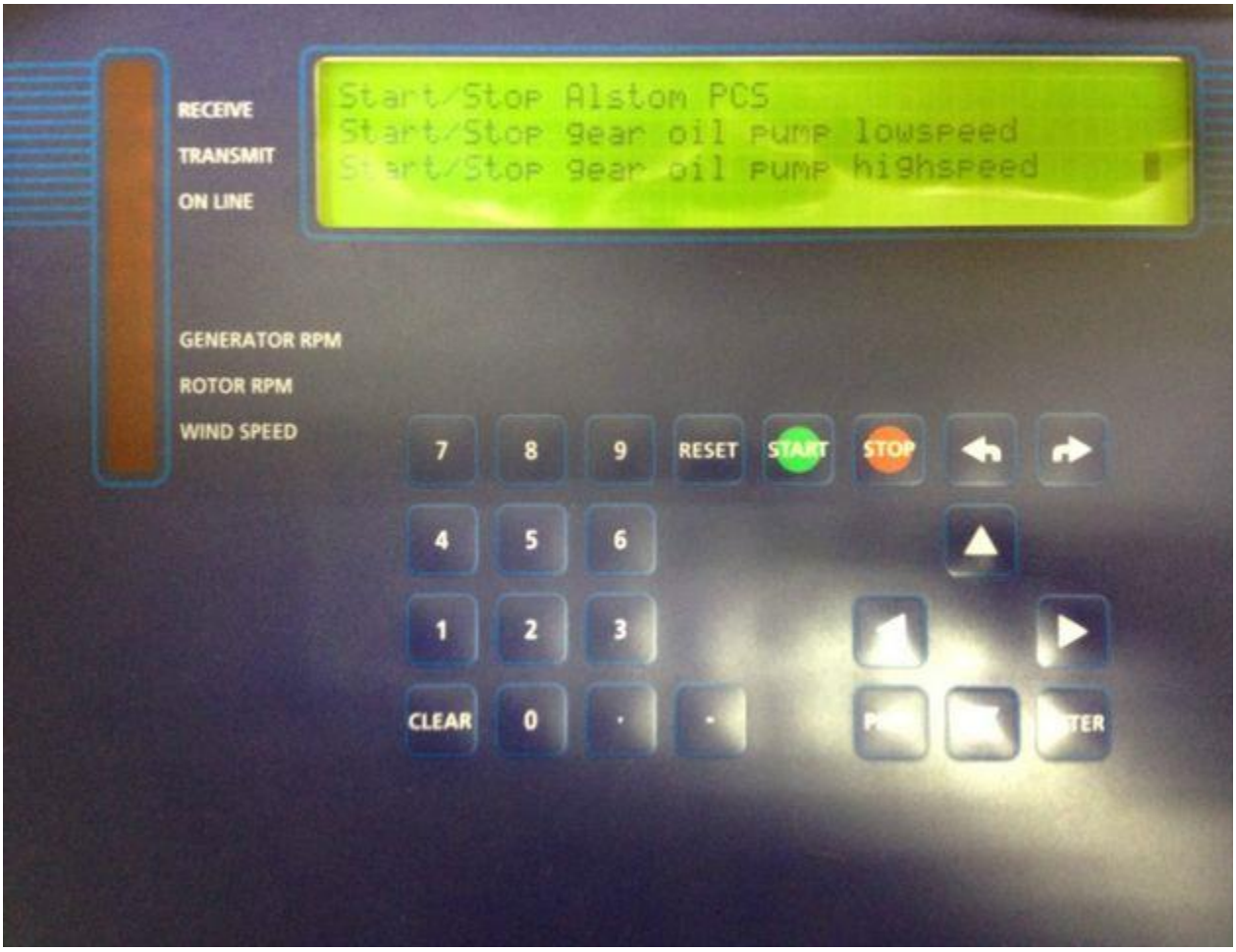
2] No

3] I don't know

- **Explanation**
  If the displayed pressure shows a negative value the pressure transmitter is likely defective and has to be changed (Item no.: 60065489- PRESSURE TRANSDUCER 0-10 BAR).

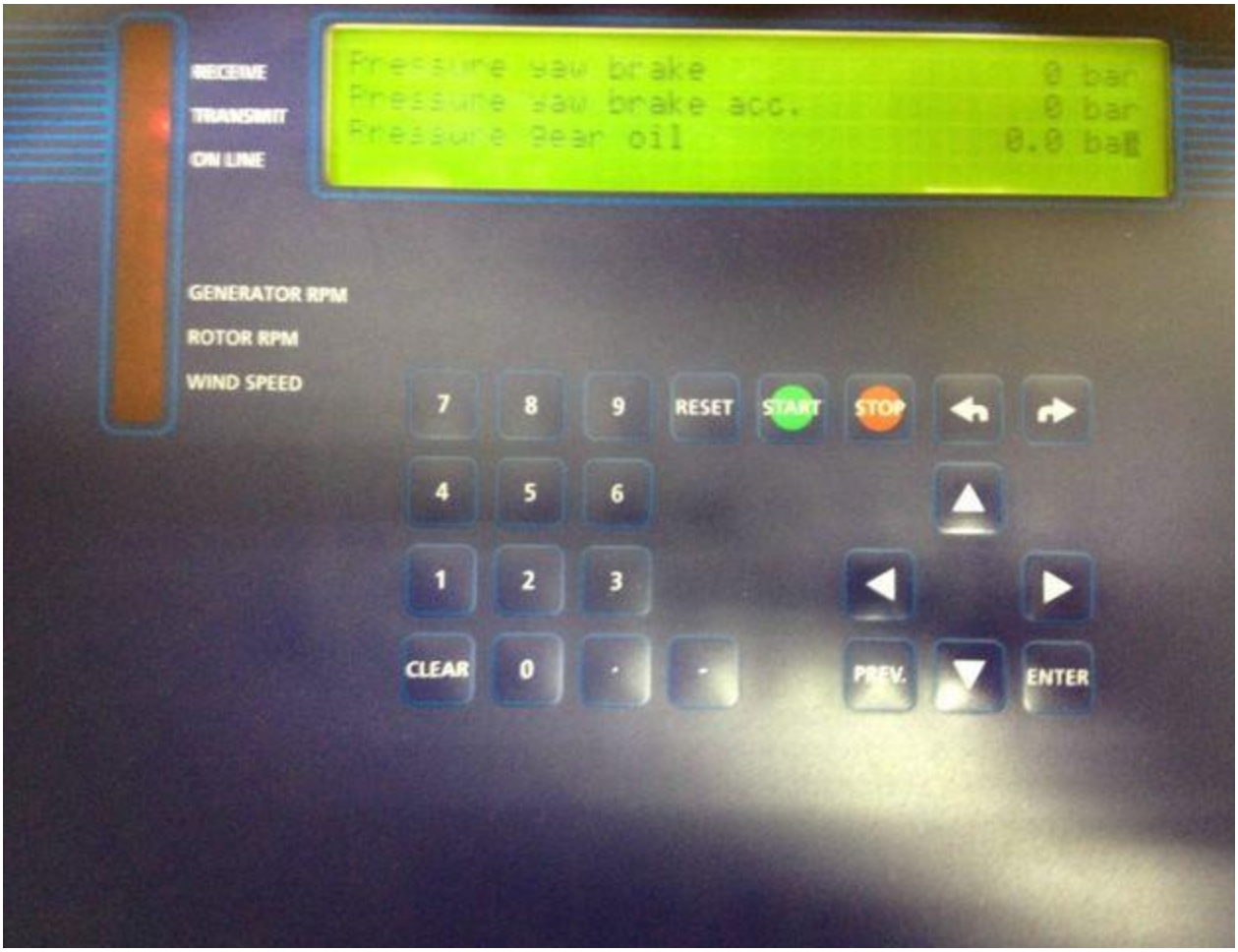
In the TACII start the gear oil pump in low speed:

Status=> Service=> Manual Test=> Start/Stop Gear oil pump low speed=> Enter



In the TACII check the gear oil pressure:

Status=> Pressures=> Pressure gear oil



Allow system pressure to build for several seconds. Observe that the pressure rises in the TACII controller. If the pressure does not rise or shows negative, replace the pressure transmitter.

Pressure Transmitter:

Identify and replace faulty sensor cables

Does this solve the problem?

1] Yes

2] No

3] I don't know

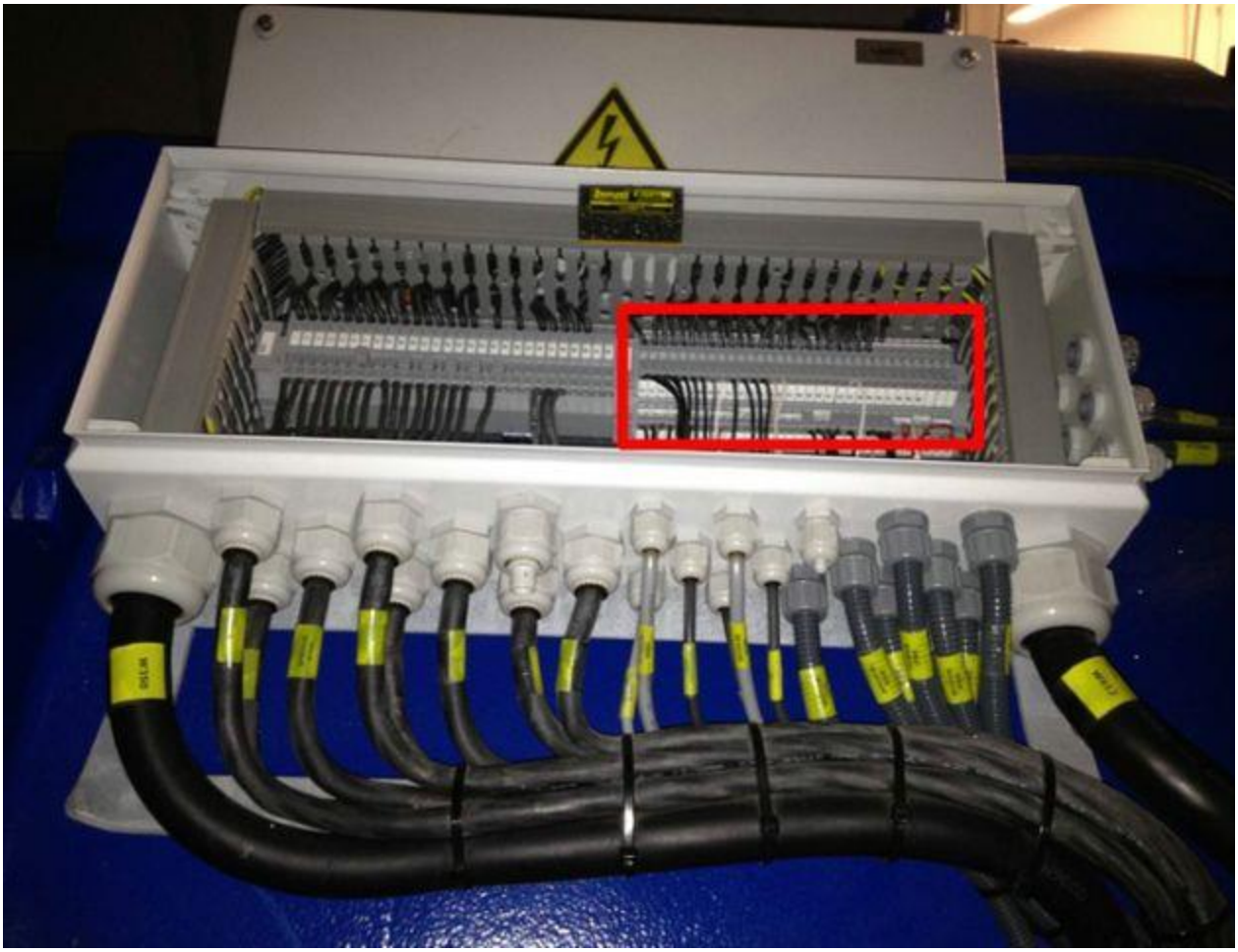
- **Explanation**

The cable for the transmitter is W537. You can perform a continuity check on the cable by removing the wires from terminal 17 and terminal 1 (immediately below terminal 17) on the –X02 terminal block in the AN12 terminal box. Twist the two wire-ends together and using a small flat screwdriver to remove the plug from the pressure transducer. When the plug is removed, slide the driver into the slot on the plug. Lightly pry down and the plug cover will come loose of the plug body. Set the multi-meter to read Ω and measure between terminals 1 & 2. The value should be less than 1Ω. If it is greater than this the cable is damaged and must be replaced. **(Item no.: 60103096 Cable -W537 NM30t. Module 2x1).**

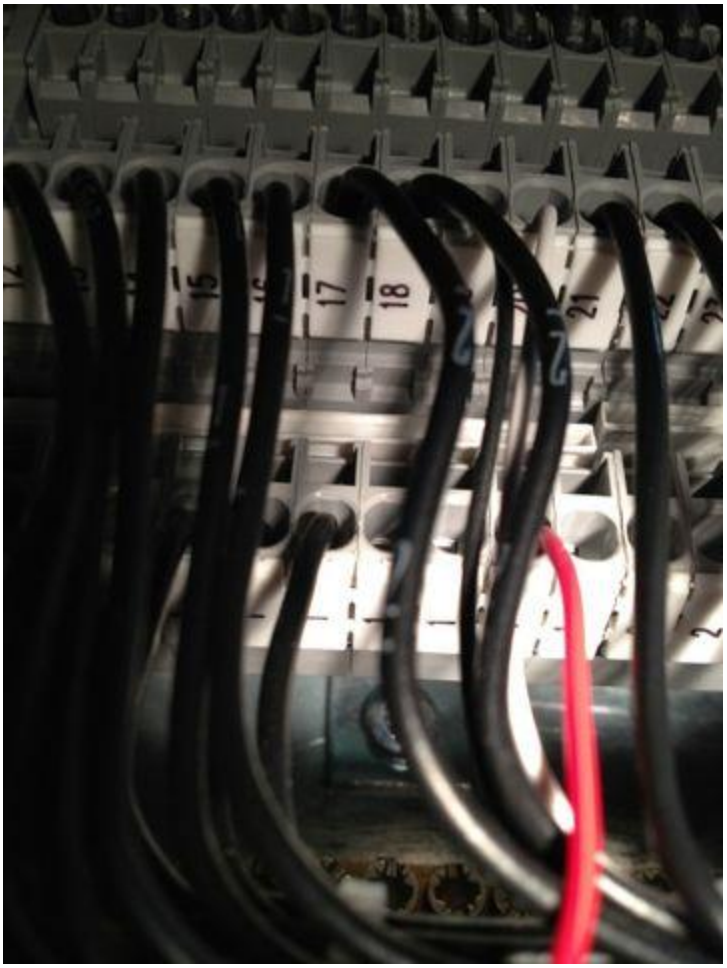
Relevant spare parts	
Description	**Item No.**
Cable -W537 NM30t. Module 2x1	60103096

AN12:

Terminal block –X02:

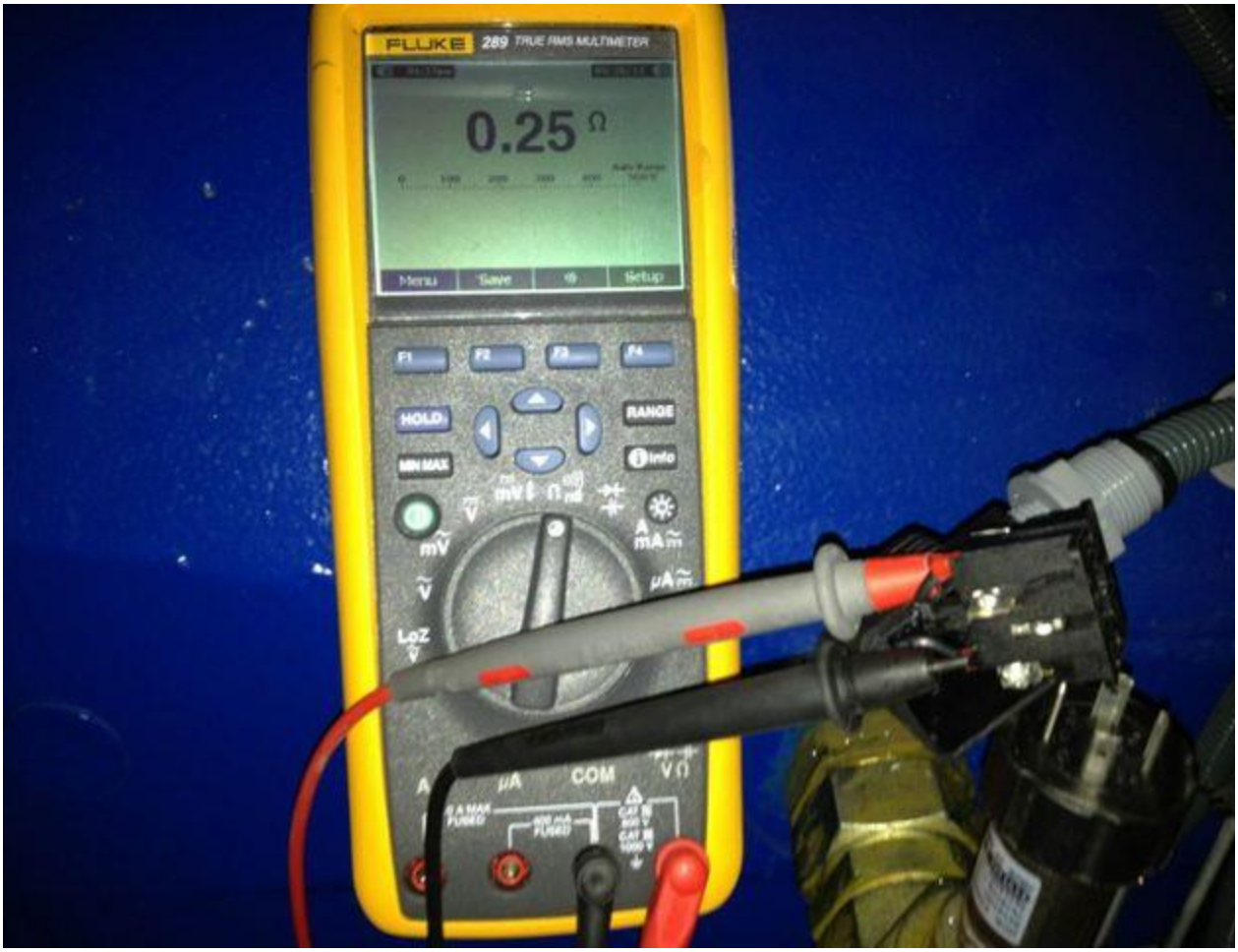


Terminals 17 & 1:

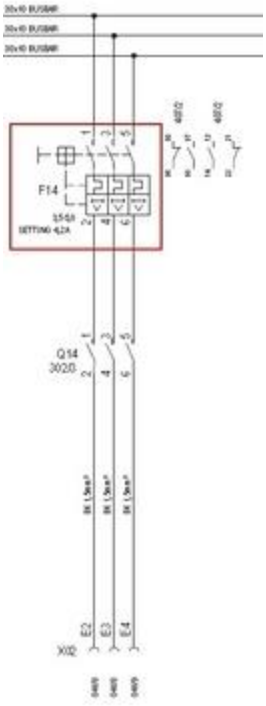


Removing sensor plug cover from the body:

Measuring resistance between terminals 1 & 2 on the sensor plug body:



Circuit breaker or contactor failure in AT2 panel will cause this error.


F14
3550
SETTING 42A
Q14
3020
X02
E2
E3
E4
GEAR OIL PUMP LOW SPEED
31W 690V 42A

Relevant spare parts	
Description	Item No.
CIRCUIT BREAKER 3RV1021-1FA10	60004663
CONT 3RT10161AP02 230V 50/60HZ	60004394

Repair leak

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

  Check the nacelle and cooler hoses for leaks. If leaks are found repair or replace failed components accordingly.

Repair or replace pump

Does this solve the problem?

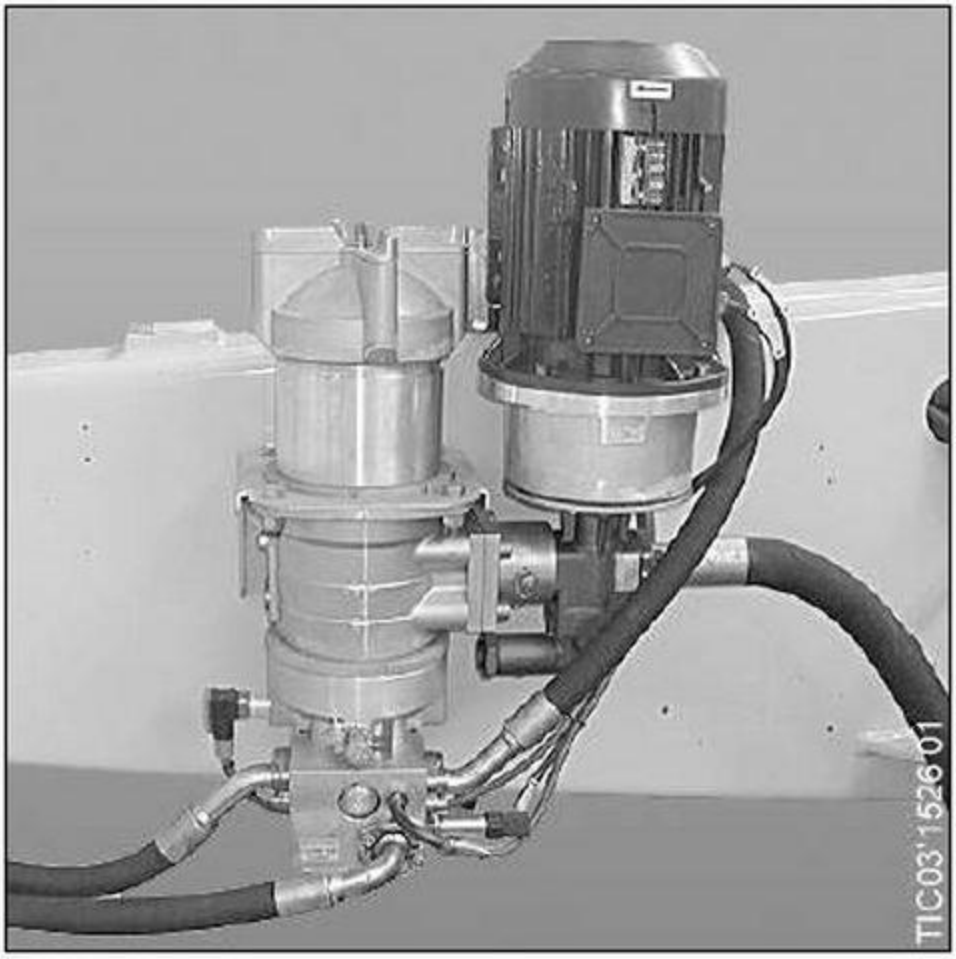
1] Yes

2] No

3] I don't know

- **Explanation**

  Run the gear oil pump via the controller. Listen for abnormal noise coming from the pump or motor. Remove gear oil pump motor and inspect the lovejoy coupling **(Item no.: 60097505- COUPLING CPL. 28/38-38/24)**. Replace coupling if damaged. Replace pump **(Item no.: 60111058- OIL PUMP KF50RF2-D15 14BAR 60(60Hz))** or **(Item no.: 60103477- Oil pump KF63RF2-D15, 14 bar 50Hz))** or motor **(Item no.: 60093993- MOTOR FOR OIL PUMP (50&60Hz))** accordingly if failed.



Relevant spare parts	
Description	**Item No.**
COUPLING CPL. 28/38-38/24	60097505
OIL PUMP KF50RF2-D15 14BAR 60(60Hz)	60111058
Oil pump KF63RF2-D15, 14 bar 50Hz	60103477
MOTOR FOR OIL PUMP (50&60Hz)	60093993