



**JOHNSON GEAR**

*Right Angle Gear Drive*

# WARRANTY INVESTIGATION

|                            |                                 |                         |
|----------------------------|---------------------------------|-------------------------|
| <b>GENERAL INFORMATION</b> | 1. Customer Name: _____         | 2. Date: _____          |
|                            | 3. Installation Location: _____ | (WHERE APPLICABLE)      |
|                            | 4. Complaint received by: _____ |                         |
|                            | 5. Inv. #: _____                | 6. Shipping Date: _____ |
|                            | 7. Complaint details: _____     |                         |
|                            | _____                           |                         |
|                            | _____                           |                         |

|                         |                                   |                                                   |
|-------------------------|-----------------------------------|---------------------------------------------------|
| <b>RAGD INFORMATION</b> | 8. Serial #: _____                |                                                   |
|                         | 9. Model #: _____                 | Bearing Arrangement: DT DF                        |
|                         | 10. HP: _____                     | RATIO: _____ THRUST: _____ STD. HT. Others: _____ |
|                         | 11. Oil Type: _____               | Grade: _____ JG supplied or other: _____          |
|                         | 12. Total Operating Hours: _____  |                                                   |
|                         | 13. Last Oil Change was on: _____ |                                                   |
|                         | _____                             |                                                   |

|                                         |                                               |                                       |
|-----------------------------------------|-----------------------------------------------|---------------------------------------|
| <b>COMPLETE PUMP SYSTEM INFORMATION</b> | 14. Bowl Assembly Model: _____                | Stages: _____                         |
|                                         | 15. MAKE: _____                               | Other: _____                          |
|                                         | 16. Break Horse Power: _____                  | Gear Drive Loading, HP: OK OVERLOADED |
|                                         | 17. TDH: _____ FT.                            | Static Water Level: _____ FT.         |
|                                         | 18. Shaft Dia.: _____ IN.                     | Pump Setting _____ FT.                |
|                                         | 19. Engine HP: _____ HP.                      | Total Down Thrust _____ lbs.          |
|                                         | 20. Gear Drive Max. Thrust: _____             | (@ operating RPM)                     |
|                                         | 21. Gear Drive Loading, Thrust: OK OVERLOADED |                                       |

|                                                                                   |                                                  |                       |                                                                         |
|-----------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|-------------------------------------------------------------------------|
| <b>RAGD INSPECTION &amp; FIELD VISIT INFORMATION</b>                              | 22. Dome is installed on RAGD at site :          | YES NO                |                                                                         |
|                                                                                   | 23. Universal Joint is used:                     | YES NO                | others: _____                                                           |
|                                                                                   | 24. Engine: make: _____ model: _____             | RPM: _____            |                                                                         |
|                                                                                   | 25. Engine condition: _____                      | Turbo Charged: YES NO |                                                                         |
|                                                                                   | 26. Engine Vibration: _____                      | Normal Abnormal       |                                                                         |
|                                                                                   | 27. Drive Shaft: Size & length: _____            |                       |                                                                         |
|                                                                                   | 28. Discharge Head Leveling: _____               | OK Not OK             | method of checking: _____                                               |
|                                                                                   | 29. RAGD drive shaft angle: _____                | OK Not OK             | method of checking: _____                                               |
|                                                                                   | 30. RAGD Vibration Level: _____                  | Normal Abnormal       |                                                                         |
|                                                                                   | 31. Oil Cooler Connection, size & Fitting: _____ | OK Not OK             | method of checking: _____                                               |
|                                                                                   | 32. Oil Level in RAGD: _____                     | OK SHORT              | reason: _____                                                           |
|                                                                                   | 33. Oil Circulation: _____                       | OK Not OK             |                                                                         |
|                                                                                   | 34. Oil Temperature: _____                       |                       | (normal running temp. is in the range of 130°-170°F with max. of 200°F) |
|                                                                                   | 35. Water Circulation: _____                     | OK Not OK             |                                                                         |
| 36. Was the Pump Model modified after the final installation: _____               | YES NO                                           | specify: _____        |                                                                         |
| 37. Was the RAGD modified in any way other than the original manufacturing: _____ |                                                  |                       |                                                                         |

It is understood that the information presented above were collected to the best of my knowledge.

Submitted by: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_