



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 142276

Date: April 10, 2020

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: Mauser

Location:

Contact:

Name Plate Information

Manufacturer: Rossi

Ratio:

Serial#:

Type :

Model#:

Horsepower/kW: 0.55 /0.65

Input Speed:

Output Speed:

Application ID:

Coupling Type:

Gearbox Visual Inspection

	Wear	Physical	Contaminants
Oil:	Unacceptable	Unacceptable	Unacceptable
Gears:	Unacceptable	Unacceptable	Unacceptable
Seals:	Unacceptable	Unacceptable	Unacceptable

WEST TENNESSEE
7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS
6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254

Gearbox Inspection (Continued)

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Gearbox Inspection (Continued)

Environmental Conditions : Severe/Hostile

Ambient Temperature :

Signs of excessive heat: No

Humidity :

Signs of lubricant leaks: No

Gearbox temperature :

Moisture present: No

Gearbox Inspection & Evaluation Checklist

- | | |
|--|--------------------|
| 1. Primary drive rotates input shaft in correct direction | Yes |
| 2. Condition of machinery guards if present | Not Present |
| 3. Condition of coupling guards | Present/Acceptable |
| 4. Type of coupler | |
| 5. Condition of coupler | Present/Acceptable |
| 6. Coupling Alignment | |
| 7. Condition of housing | Acceptable |
| 8. Condition of mounting hardware | Acceptable |
| 9. Breather vent (ventilator) installed | Present/Acceptable |
| 10. Condition of piping & connections(if forced lube system installed) | Present/Acceptable |

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Gearbox Inspection & Evaluation Checklist (Continued)

11. Condition of switches, alarms, heaters, coolers, or other devices	Not Present
12. Condition of inspection covers	Present/Acceptable
13. Condition of seals & bearings	Damaged
14. Gearbox oil level	Unacceptable
15. Type & grade of specified lubricant	
16. Correct type & grade of specified lubricant	Unknown
17. Appearance of lubricant	Contaminated
18. Free rotation of shafts	Yes
19. Condition of input shaft	Acceptable
20. Endplay of input shaft	
21. Condition of output shaft	Acceptable
22. Endplay of output shaft	
23. Gear backlash	Acceptable

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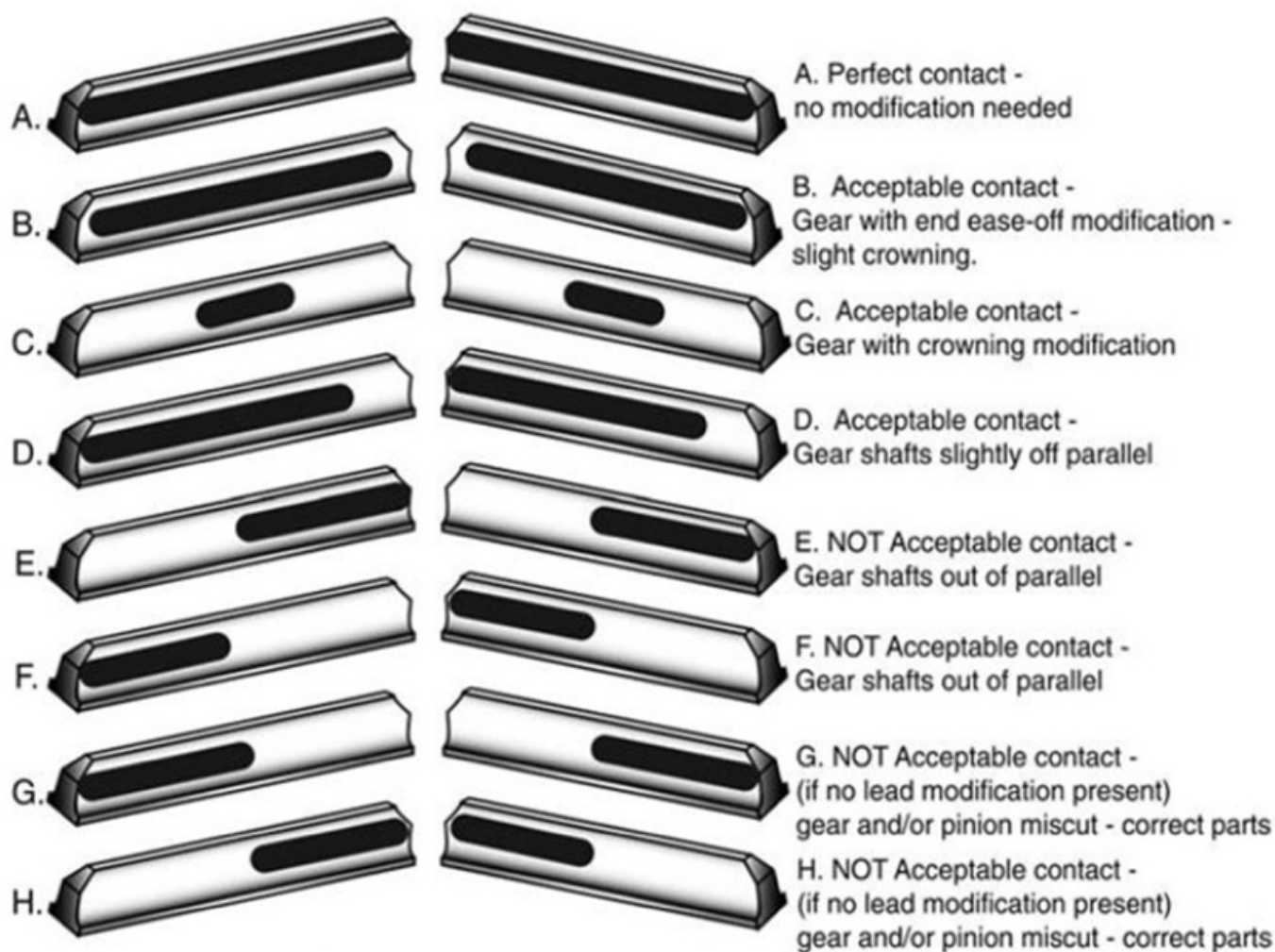
Gearbox Inspection & Evaluation Checklist (Continued)

24. Gear tooth condition Damaged

25. Degree of wear Severe

26. Gear tooth contact Severe

27. Identify type of gear tooth contact



Typical Contact Patterns for Double Helical Gears

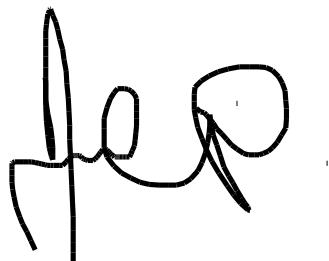
Gearbox Comments

Upon inspection of this unit we found , input gear damaged and motor input gear damaged. Gearbox oil was contaminated replace input shaft gear ,motor input gear,bearings and seals.motor surge test good. DE end bell was broken at the time of dismantling needs to be replace .

Conclusion

Service Tech name: Jesus

Service Tech signature:

A handwritten signature in black ink, appearing to be 'Jesus'.