



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 140701

Date: September 20, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: CARLISLE SYNTECH

Location:

Contact:

Name Plate Information

Manufacturer: SEW EURODRIVE INC.

Ratio: 96.80

Serial#: 880071960.13.13.001

Type : K97AM213/215

Model#:

Horsepower/kW: 38055

Input Speed: 1750

Output Speed: 18

Application ID:

Coupling Type: M1B

Gearbox Visual Inspection

	Wear	Physical	Contaminants
Oil:	Acceptable	Acceptable	Acceptable
Gears:	—	—	—
Seals:	—	—	—

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: Yes

Gearbox Inspection & Evaluation Checklist

- | | |
|--|--------------------|
| 1. Primary drive rotates input shaft in correct direction | Yes |
| 2. Condition of machinery guards if present | N/A |
| 3. Condition of coupling guards | N/A |
| 4. Type of coupler | Love joy coupling |
| 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) | N/A |

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Gearbox Inspection & Evaluation Checklist (Continued)

11. Condition of switches, alarms, heaters, coolers, or other devices	N/A
12. Condition of inspection covers	Present/Acceptable
13. Condition of seals & bearings	Worn
14. Gearbox oil level	Acceptable
15. Type & grade of specified lubricant	
16. Correct type & grade of specified lubricant	Acceptable
17. Appearance of lubricant	Appears new
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

Acceptable

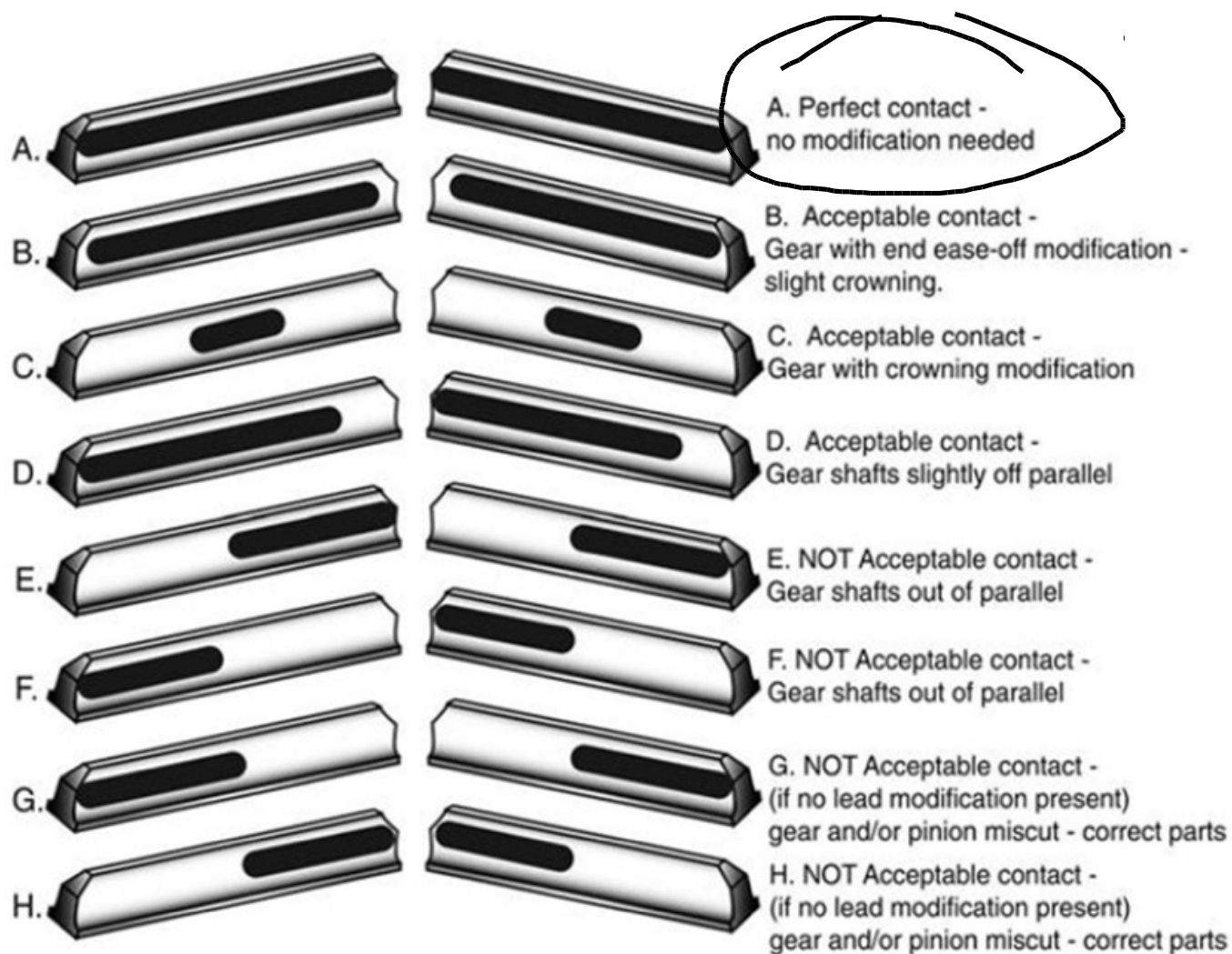
25. Degree of wear

Mild

26. Gear tooth contact

Acceptable

27. Identify type of gear tooth contact



Typical Contact Patterns for Double Helical Gears



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LITTLE ROCK, AR

Gearbox Comments

Replace bearings and seals

Conclusion

Service Tech name: Billy mayes

Service Tech signature:

A handwritten signature in black ink, appearing to read 'B Mayes', written over a large, faint, light-gray watermark of the same signature.

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