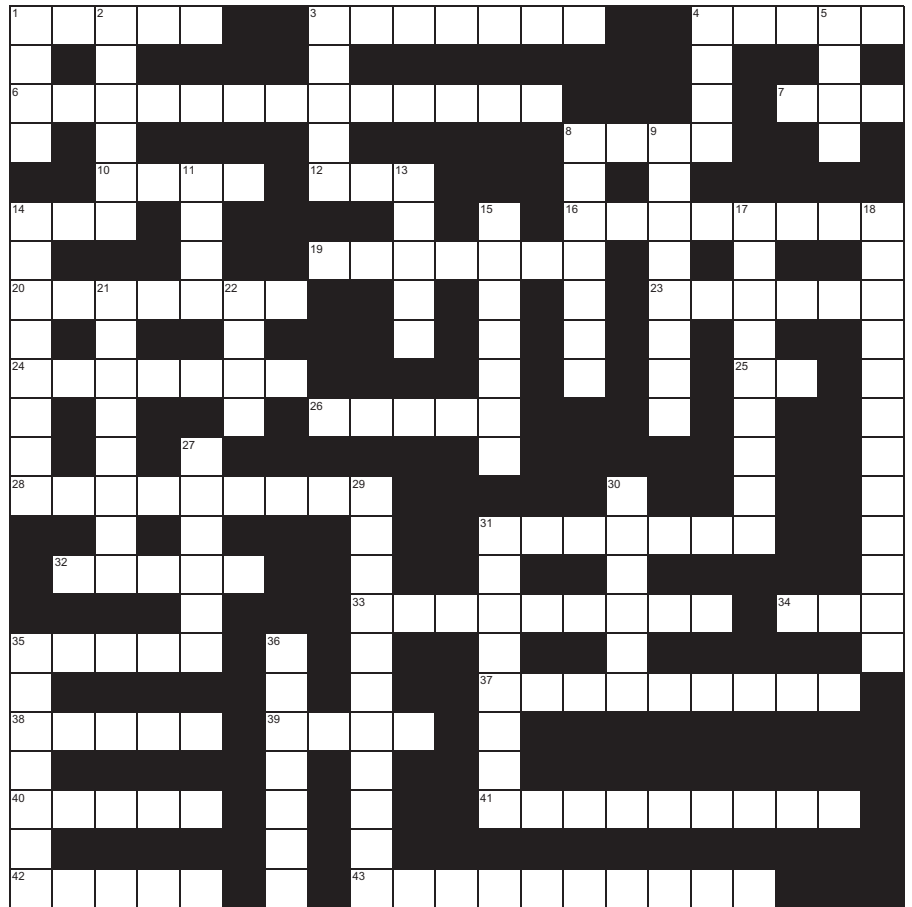


CROSSWORD

ACROSS

1. Pressure _____
3. A tooth's shape, from the side
4. Birds love these gears
6. The American Gear _____ Association
7. The GearLab is here
8. Cylindrical gear with 0° helix angle
10. Everybody's favorite magazine: _____ Technology
12. Cutting tool for spur or helical gears
14. TC-60's parent organization
16. Everybody's favorite magazine column
19. _____-Wildhaber gears
20. Not Rockwell or Brinell
23. 3:1, 5:1, 10:1, etc.
24. Used to mate bevel gear pairs
25. Opposite of OD
26. A tooth modification, or a type of face gear
28. Planetary
31. A spur or helical generating process, not hobbing
32. Good plastic gear or stockings material
33. Metal cutting process; uses pullers
34. German standards-making body
35. Finish a gear with abrasive tool
37. Measurement, on a blueprint
38. Profile _____; causes noise
39. The center line about which a shaft rotates
40. A common gear material
41. How we measure pitch in America
42. The N in NVH
43. Creating an involute profile with a rack-shaped tool



DOWN

1. Sponsor of Gear Expo
2. Type of gage; either it fits, or it doesn't fit
3. Diametral
4. What happens to a gear that's poorly lubricated
5. The meeting of gear teeth in rotation
8. Finishing operation; uses a serrated cutter
9. When the involute form is cut away near the tooth root
11. Sponsor of the International Mechanical Engineering Congress & Exposition
13. Hypoid, spiral, Zerol are types of _____ gears
14. Euler's brainchild
15. Carbide re hobbing
17. Heat treating process involving ions
18. The state when gears are out of whack
21. Load-carrying _____
22. Bevel _____ gear; goes with pinion
27. Bevel gear with axis offset
29. Common method of achieving case depth
30. A toothed shaft
31. Norm
35. Inventor of the bevel gear planer
36. You need this to support your gear shaft

For the answers, visit: www.geartechnology.com