Written by veteran technicians in a straightforward style, Modern Diesel Technology: Heavy Equipment Systems, 2nd Edition combines manufacturer-based and universal information into a single reliable resource. The book’s unique focus on off-highway mobile equipment systems delivers service and repair essentials for heavy equipment, agricultural equipment, and powered lift truck technology. Detailing everything from safety to best practices, chapter coverage addresses four key areas: hydraulics, heavy duty brakes, and drivetrains, as well as steering, suspension, and track systems. The 2nd Edition of Modern Diesel Technology: Heavy Equipment Systems also includes the latest updates in computer-controlled hydraulics, GPS, and electronic controls for other systems to help you master the ever-evolving responsibilities of specialty technicians.

Features of this book:
- Enlightening Visuals: Detailed illustrations and photographs throughout the book clarify important concepts.
- Reader-Friendly Style: Straightforward, concise writing from authors with firsthand industry expertise makes the information easy to grasp and highly relatable.
- Practical Approach: Focusing on performance-based learning outcomes—turning abstract theories into real-world, hands-on tasks—adds depth and context to the readings.
- Comprehensive Resource: This goes for specialty technicians complements any manufacturer’s manual, and addresses the full range of mobile heavy equipment manufactured and marketed in North America.
- More Electronic Controls: Updated chapters dig even deeper into electronic controls, especially as they apply to today’s mobile hydraulics systems.
- Extra Safety: Modern Diesel Technology: Heavy Equipment Systems, 2nd Edition protects you with expanded content on safety, including ROPs and FOPs, and high voltage safety precautions.

About the Authors:
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Different types of heavy equipment commonly used in the construction are as follows: Excavators, Backhoe. The Heavy Equipment Transporter (HET) is a military logistics vehicle used to transport, deploy, and evacuate tanks, armored personnel carriers, self-propelled artillery, armored bulldozers and other heavy vehicles. The primary purpose and use of the HET system is for delivery of the M1 Abrams, recovery of non mission capable armored vehicles, and cost efficiency. An Abrams driving on or off road for 300+ miles creates a mechanical and personnel fatigue issue. The mobility of the HET system alleviates