Clark forklift workshop manual pdf free

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Some CLARK Forklift Truck Operator Manuals PDF are above the page. Look above - CLARK Forklifts SSL & CTE Operator's Manuals PDF. The history of the company is more than a century old and began in 1903 by the manufacture of a machine for transporting sand and unprocessed casting. This mechanism is considered the forefather of modern
industrial forklifts. The first tractor Tractractor was released in 1917. Its main task was to transport cargo between warehouses. In 1918, 8 tractors were produced, and in 1919 - 75 such tractors. Today, the American company produces a wide range of equipment and equipment for the warehouse. Clark produces diesel (load-carrying capacity 1.6-16).
tons), gas (load-carrying capacity 1.6-7.5 tons) and electric (load-carrying capacity 1-7.5 tons) loaders. In manufacture also warehouse logistics, manufacturing of bogies, and also loading-unloading technics. Clark products comply with the standards of ISO 9001 and 14001. The internal control system, implemented in the production, allows to control
the quality at all its stages. Another milestone in the history of the campaign was the opening in 2007 of a Clark representative office in Europe (in the German city of Mülheim). At the new location of the Clark Disposition - the central spare parts warehouse and equipment warehouse, which allows you to quickly deliver from Europe. The European
office has already managed to surround itself with a wide network of partners. However, Clark sets himself a more ambitious goal: 95% of the spare parts must be in the European warehouse. To accomplish this, there is an electronic spare parts must be in the European warehouse.
company not only to effectively identify spare parts for the Clark technique, which was issued since 1961, but also to get access to the necessary documentation. An important event in the development of turning radius. The
year 2011 became a landmark for the company. Now, production of machinery was started in Mexico and the first tractor CTX 40/70 was produced. Jump to ContentHere is our extensive Clark forklift service manual library (PDF formats) that includes the forklift repair and parts documentation and service instructions that you need for your
warehouse or forklift-supported operation. Also access below the Clark forklift parts manual you need for your Clark materials handling equipment, as provided by the manufacturer. See our lists: Or Search: Also see: Search our Clark Forklift Manual Library by Model
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Material Intended for CLARK dealers only Do not sell or distribute INTRODUCTION SAFETY SIGNS AND MESSAGES Safety signs and messages are placed in this manual and also on the lift truck to provide instructions and to identify specific areas where potential hazards exist and special precautions should be taken. Be sure you know and
understand the meaning of these instructions, signs and messages are not followed. NOTICE This message is used when special information, instructions or identification is required relating to procedures, equipment, tools, pressures, capacities
and other special data. IMPORTANT This message is used when special precautions should be taken to ensure a correct action or to avoid damage to or malfunction of the truck or a component. A CAUTION This message indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to
alert against unsafe practices. A WARNING This message indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury. A DANGER This message indicates an imminently hazardous situation which, if not avoided, could result in death or serious injury. This signal word is to be limited to the most extreme
situations. NOTE: The above terms have been adopted by Clark Material Handling Company. The same terms may be used in different context in service literature supplied directly or indirectly by vendors of truck components. USER SAFE MAINTENANCE PRACTICES The following instructions have been prepared from current industry and
government safety standards ap- plicable to industrial truck operation and maintenance of industrial trucks. They are listed here for the reference and safety of all workers during maintenance operations. Carefully read and under
stand these instructions and the specific maintenance procedures before attempting to do any repair work. When in doubt of any maintenance is neglected. Therefor, suitable maintenance procedures before attempting to do any repair work. When in doubt of any maintenance procedures before attempting to do any repair work. When in doubt of any maintenance procedures before attempting to do any repair work. When in doubt of any maintenance procedures are the specific maintenance procedures before attempting to do any repair work.
must be provided. 2. Maintenance and inspection of all powered indus- trial trucks shall be done in conformance with the manufacturers recommendations. 3. A scheduled planned maintenance, lubrication and inspection program shall be followed. 4. Only trained and authorized personnel shall be permitted to maintain, repair, adjust and inspect
indus- trial trucks and in accordance with the manufacturer's specifications. 5. Properly ventilate work area, vent exhaust fumes and keep shop clean and floor dry. 6. Avoid fire hazards and have fire protection equip- ment present in the work area. Do not use an open flame to check for level or leakage of fuel, electrolyte or coolant. Do not use open
pans of fuel or flammable cleaning fluids for cleaning fluids for cleaning parts. 7. Before Starting Work On Truck: (a) Raise drive wheels off floor or disconnect battery before working on the electrical system. 8. Before working on engine fuel system of gasoline or diesel powered
trucks, be sure the fuel shut-off valve is closed. 9. Operation of the truck to check performance must be conducted in an authorized, safe, clear area. INTRODUCTION 10. Before Starting To Drive Truck: (a) Be in operating position. (b) Be
sure parking brake is engaged. (c) Put direction control in neutral. (d) Start engine. (e) Check functioning of direction and speed controls, steering, brakes, warning devices and any load han- dling attachments. Before Leaving The Truck Stop truck. Put directional control in neutral. Apply the parking brake. Stop the engine by turning off the ignition
circuit. Put blocks at the wheels if truck is on an incline. Brakes, steering mechanisms, control mecha- nisms, warning devices and frame members must be carefully and regularly inspected and maintained in a safe operating condition. 13. Special trucks or devices designed and approved for hazardous
area operation must receive special attention to ensure that maintenance preserves the original approved safe operating features. 14. Fuel systems must be checked for leaks and condition of parts. Extra special consideration must be given in the case of a leak in the fuel system. Action must be taken to prevent the use of the truck until the leak has
been corrected. 15. The truck manufacturer's capacity, operation and maintenance instruction plates, tags or decals must be maintained in legible condition. 16. Batteries, motors, controllers, limit switches, pro-tective devices, electrical conductors and connections must be inspected and maintained in conformance with good practice. Special
attention must be paid to the condition of electrical insulation. 17. To avoid injury to personnel or damage to the equipment, consult the manfacturer's procedures in replacing contacts on any battery connection. 18. Industrial trucks must be kept in a clean condition to minimize fire hazards and help in the detection of loose or defective parts. 19
Modifications and additions that affect capacity and safe truck operation must be changed accordingly. 20. Care must be taken to assure that all replacement parts, including tires, are interchangeable with the
original parts and of a quality at least equal to that provided in the original equipment. Parts, including tires, are to be installed per the manufacturer's procedures. Always use genuine CLARK or CLARK-ap- proved parts. 21. Use special care when removing heavy compo- nentsfromthe truck, such ascounterweight, seatdeck, upright, etc. Be sure
that lifting and handling equip- ment is of the correct capacity and in good condition. NOTICE -- You should also be familiar with additional operating and maintenance safety instructions con- tained in the following publications: ANSVASME B56.1 - Operator Control-Industrial Tow Tractors (Safety Standard For Powered Industrial Trucks). Published
by: Society of Mechanical Engi- neers, United Engineering Center, 345 E. 47th Street, New York, N. Y. 10017. NFPA 505-1982: Fire Safety Standard for Powered Industrial Trucks: Type Designations, Areas of Use, Maintenance and Operation. Available from: National Fire Protection Assoc., Inc., Batterymarch Park, Quincy, Ma 02269. General
Industrial Standards, OSHA 2206: OSHA Safety and Health Standards (29 CFR 1910), Subpart N-Materials Handling and Storage, Section 1910.178 Powered Industrial Trucks. For sale by: Superinten- dent of Documents, U.S. Government Printing Office, Washington, D. C. 20402. July 97 INTRODUCTION-l-2 SM575 8. Copyrighted Material Intended
for CLARK dealers only Do not sell or distribute PM Section CLcIRK PM - PLANNED MAINTENANCE inspections and lubrication is important for long life and trouble-free operation of your lift truck. Make and
keep records of your inspections. Use these records to help establish the correct PM intervals for your application and to indicate maintenance required to prevent major problems from occurring during operation. PM Report Form As an aid in performing and documenting your PM inspections, Clark has prepared a "GAS, LPG OR DIESEL PLANNED
MAINTENANCE REPORT" form. Copies of this form as a checklist and to make a record of your inspection and truck condition. The periodic maintenance procedures outlined in this manual are intended to be used with the PM report form. They are arranged
in groupings of maintenance work that are done in a logical and efficient sequence. A check mark or entry is made on the PM Report Form when the PM is performed. Please note the special coding system for indicating the importance of needed repairs and/or adjustments. When you have finished the PM inspections, be sure to give a copy of the
report to the designated authority or the person responsible for lift truck maintenance. Do not make repairs or adjustments unless authorized to do so. Remove all jewelry (watch, rings, bracelets, etc.) before working on the truck. Disconnect the batterygroundcable (-) from the engine or frame before working on electrical components. Always wear
safety glasses. Wear a safety (hard) hat in industrial plants and in special areas where protection of the lift truck and its components. Walk around the truck and take note of any obvious damage and maintenance problems. Check for loose fasteners and fittings. Check to be
sure all capacity, safety and warning plates and decals are attached and legible. NOTICE: Do not operate a lift truck with damaged or missing decals and nameplates. Replace them imme- diately. They contain important information. Inspect the truck, before and after starting engine, for any signs of external leakage: fuel, engine oil or cool- ant,
transmission fluid, etc. Check for hydraulic oil leaks and loose fittings. DO NOT USE BARE HANDS TO CHECK. Oil may be hot or under pressure. A CAUTION HYDRAULIC FLUID PRESSURE Do not use your hands to check for hydraulic leakage. Fluid under pressure can penetrate your skin and cause serious injury. SM575 PM-l-l July 97 9.
Copyrighted Material Intended for CLARK dealers only Do not sell or distribute CL' IRK PM Section Be sure that the driver's overhead guard for damage. Be sure that it is properly positioned and all mounting fasteners are in place and tight.
inspect the welds on the carriage and upright for cracks. Report any cracks noted immediately. Be sure that the mounting fasteners are in place and tight. Inspect the upright assembly: rails, carriage rollers, lift chains, lift and tilt cylinders. Lookforobvious wear and maintenance problems, damaged or missing parts. Check for any loose parts or
fittings. Check for leaks, any damaged or loose rollers and rail wear (metal flaking). Carefully check the lift chains for wear, rust and corrosion, cracked or broken links, stretching, etc. Check that the lift and carriage chains are correctly adjusted to have equal tension. Checkthatthe lift chain anchor fasteners and locking means are in place and tight
Be sure all safety guards and chain retainers are in place and not damaged. Inspect the carriage stops and cylinder retainer bolts. Check the lift cylinder retainer bolts. Check the cylinder retainer bolts. Check the lift cylinder retainer bolts. Check the lift cylinder retainer bolts. Check the cylinder retainer bolts. Check the lift cylinder bolts. Check
chains require special attentionand maintenance to maintain them in a safe operat-ing condition. Refer to Lift Chain Maintenance section for addition information. Forks Inspect the load forks for cracks, breaks, bending and wear. The fork top surface should be level and even with each other. The height difference between both fork tips should be not addition information.
more that 3% of the fork length. A WARNING If the fork blade at the heel is worn down more than 10 per cent, the load capacity is reduced and the fork must be replaced. Inspect the forks for twists and bends. Put a 2" thick metal block, at least 4" wide by 24" long on the blade of theforkwith the 4" surface against the blade. Put a 24" carpenters
square on the top of the block and against the shank. Check the fork 20" above the blade to make sure it is not bent more than 1 inch maximum. Ifthe fork blades are obviously bent or damaged, have them inspected by a trained maintenance person be- fore operating the truck. Inspect the fork locking pins for cracks or damaged. Reinsert them and
note wherther they fit properly. July 97 PM-1 -2 SM575 10. Copyrighted Material Intended for CLARK dealers only Do not sell or distribute PM Section Wheels and Tires Function Tests Check the condition of the drive and steer wheels or "
chunking out". Now be sure that all functioning correctly. After checking that the parking brake is set, test horn, lights and all other safety equipment and accessories. Be sure thou are properly mounted and working correctly. Check all wheel lug nuts or bolts to be sure none are loose or missing. Have missing bolts or lug nuts replaced and tightened
to the the correct torque before operating truck. Torque to 100-l 20 Ibfft [135,6 - 162,7 f&m]. A WARNING Check tire pressure from a posi-tion facing the tread of the tire, not theside. Usea long handled gauge to keep your body away from the side. Iftires are low, do notadd air. Check with a mechanic. The tire may require removal and repair.
Incorrect (low) tire pressure can reduce stability of your lift truck. Proper cold inflation is 100 p.s.i. controls and systems are Press the horn button to check horn function. If the horn or any other part does not operate, report the failure and have it repaired before the truck is put in operation. g::: .::.. ...? Y::... Y:.., 2 "$ !!ciqpiB .::, "' : " ~::::i::i:::i::,::,
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