

Operation and Maintenance Manual

D3C Series III, D4C Series III, D5C Series III HYSTAT Track-Type Tractors





Important Safety Information

Most accidents that involve product operation, maintenance and repair are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. A person must be alert to potential hazards. This person should also have the necessary training, skills and tools to perform these functions properly.

Improper operation, lubrication, maintenance or repair of this product can be dangerous and could result in injury or death.

Do not operate or perform any lubrication, maintenance or repair on this product, until you have read and understood the operation, lubrication, maintenance and repair information.

Safety precautions and warnings are provided in this manual and on the product. If these hazard warnings are not heeded, bodily injury or death could occur to you or to other persons.

The hazards are identified by the "Safety Alert Symbol" and followed by a "Signal Word" such as "WARNING" as shown below.



The meaning of this safety alert symbol is as follows:

Attention! Become Alert! Your Safety is Involved.

The message that appears under the warning explains the hazard and can be either written or pictorially presented.

Operations that may cause product damage are identified by "NOTICE" labels on the product and in this publication.

Caterpillar cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product are, therefore, not all inclusive. If a tool, procedure, work method or operating technique that is not specifically recommended by Caterpillar is used, you must satisfy yourself that it is safe for you and for others. You should also ensure that the product will not be damaged or be made unsafe by the operation, lubrication, maintenance or repair procedures that you choose.

The information, specifications, and illustrations in this publication are on the basis of information that was available at the time that the publication was written. The specifications, torques, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job. Caterpillar dealers have the most current information available. For a list of the most current publication form numbers available, see the Service Manual Contents Microfiche, REG1139F.

Table of Contents	Opera
Foreword 4	Machi
Safety Section	Machi
Warning Signs and Labels 6	Transp
General Hazard Information10	Towing
Crushing Prevention and Cutting Prevention 12	Maint
Burn Prevention	Torque
Fire Prevention and Explosion Prevention 13	Coolin
Electrical Storm Injury Prevention	Fuel S
Mounting and Dismounting 14	Lubric
Before Starting Engine 14	Lubrica
Engine Starting15	Mainte
Before Operating Machine	Refer
Machine Operation	Refere
Machine Parking16	Index
Equipment Lowering with Engine Stopped 16	Index.
Sound Information and Vibration Information . 16	
Product Information Section	
Model Views	
Product Identification Information	
Operation Section	
Monitoring Systems and Cab Features 21	
Machine Controls	
Before Starting Engine	
Engine Starting40	
Machine Operation	