

# VOLVO WHEEL LOADERS AUTOMATIC LUBRICATION SYSTEM



**VOLVO**

# Get more out of your wheel loader

After 2500 machine hours, the operator of an average-sized loader has devoted 78 hours or two weeks to manual greasing. That time can be used for productive work if the Volvo automatic lubrication system is installed.

Volvo's high quality, factory-mounted automatic lubrication system is designed for standard grades of grease and automatically lubricates the wheel loader when it's in use. Uniform application of lubricant ensures that the lubrication points always have the correct amount of grease. The flow of lubricant stops automatically when the machine is stationary and no gear is engaged. This results in lower grease consumption and eliminates any waste.

Frequent lubrication intervals, which substantially reduce wear and protect the loader's bearings from dust, moisture and corrosion, are possible with Volvo's automatic lubrication system. It is unaffected by the working environment and climatic conditions and ensures efficient lubrication regardless of external conditions. Better protection and reduced wear lead to higher availability and productivity as well as reduced downtime for maintenance.

## Lubricant reservoir

A follow-up plate cleans the reservoir and prevents air, dust and moisture from getting into the system. Integrated into the lubricating pump is a computerized control unit which monitors the level of the lubricant, operation of the pump and main lines and the electrical connections. The control unit also stores information on the number of complete lubrication cycles, alarms and faults for easy diagnostic and trouble-shooting procedures.

## Metering valve

The size of each lubrication point's metering valve determines exactly how much grease is admitted.

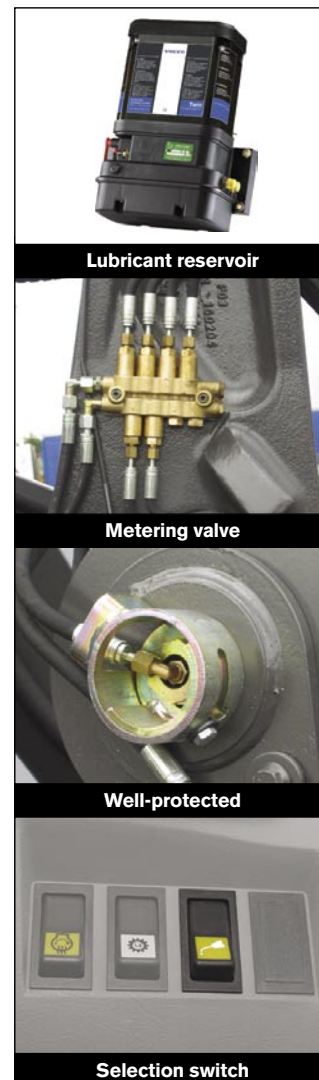
## Well-protected

Volvo's automatic lubrication system is designed to ensure a high level of productivity under adverse conditions. All units are made from heavy-duty materials and are well-protected against external damage.

## Selection switch and warning lamp

A combined switch and warning lamp enables the operator to choose between three different lubrication intervals depending on the intensity of the work and external conditions.

The warning lamp alerts the operator immediately in the event of a fault.



*All products are not available on all markets. Under our policy of continuous improvement, we reserve the right to change specifications and designs without prior notice. The illustrations do not necessarily show the standard version of the machine.*

# VOLVO

Construction Equipment

Ref. No. 21 A 100 1283  
Printed in Sweden 2004.06-0,3  
Volvo, Eskilstuna

English  
WLO