

IHS has manufactured Dual Line and Progressive Lubricating systems for heavy duty machines used for steel making plants and many other plants.

We developed a unique small sized single line **AUTO-GREASTAR** System patented for the first time in the world through our successful study on **simple, compact** and **lightweight** design.

The AUTO-GREASTAR System is now being used in many fields, including construction machines, machine-tools paper making machines, industrial machines, printing machines, etc.

Particularly, the AUTO-GREASTAR used for vehicles is one of our major products ; **5,500,000** (1990) have already been delivered to users since it was released to the market, being highly evaluated together with the autogreastar used for industrial machines.

The AUTO-GREASTAR System is simple in construction incorporating pump, distributor, controller, etc.

It is capable of lubricating grease automatically on time to a maximum of 60 lubricating points without regard to distance and bearing back-pressure.

FEATURES

1

Accurate lubrication

Operating cycle is counted by the controller and the pump starts operating at a set time.

When pressurized grease from the pump comes out of the distributor, the indicator rod is activated to operate the micro switch, whereby the pump stops operating. (Manual running distance controller is available optionally.)

2

Excellent precise quantitative lubrication

Grease is lubricated quantitatively ; the amount of grease to be lubricated at a time corresponds to **the stroke of the piston** in the distributor.

3

Motor driven lubricating pump

This pump is of a **compact, high performance type** that is unique in the world.

Unlike a pneumatic type pump, grease is lubricated by driving a motor so it is excellent in quantitative lubrication and minimizes the work and cost for installation of air piping, etc.

4

High-pressure type motor driven pump

The discharge pressure of the standard type pump is **150kg/cm²** which is applicable to NLGI No. 00 & 0.

5

Labor-saving and safety

Because of full automatic operation, vehicles need not be stopped for lubrication, reducing the work for greasing, ensuring reliable lubrication, eliminating **dirty work**, and **preventing dangers**.

6

Die-casting distributor

Four kinds of high quality distributors (4, 6, 8 and 12 discharge ports) have been realized by mass production system. By attaching the M-type distributor, the amount of grease to be discharged can be selected from 0.3 CC to 3 CC per lubricating points.

7

Easy check on lubrication

The single line progressive operation system assures easy check on lubrication. Improper lubricating point is detected immediately when an alarm is emitted.

8

Elimination of bothersome air purging

Air purging is not required, in the event of entry of a small amount of air into the piping.

(NLGI No. 00 & 0)