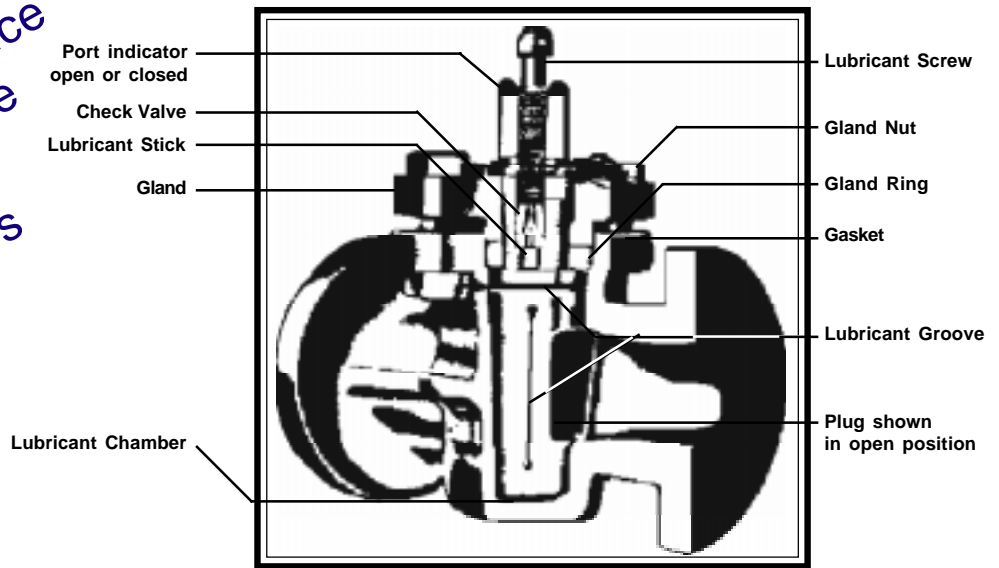


Care and Maintenance
of Standard Type
RASHTRIA
Plug Valves



The Essential for Good Service: The essential for getting the best service from an “RASHTRIA” Valve is to maintain a thin film of lubricant between the seats, To do this, ensure at all times that the plug is properly seated, and lubricate with suitable “RASHTRIA” lubricant from time to time.

Selection of lubricant: Choose the right type of lubricant depending upon the services fluid to be handled by “RASHTRIA” valves. List of Lubricants with their applications is given for reference.

Seating of Plug: Seat adjustment and therefore control of the lubricant film thickness is effected by the gland nuts, of which there are two or three. This is necessary only at infrequent intervals but, in the case of valves which are used hot, check adjustment within a week of first use. Do not adjust after lubrication. Most Standard Type valves are fitted with cover which must not be slackened off.

To Release: To release a valve stuck through neglect or other cause, tighten the gland and feed in lubricant until free but not more than four sticks in a 2" valve or smaller, or eight in an 6". Then ease the gland and turn the valve a number of times. Readjust gland. Do not slacken cover bolts. If this procedure is unsuccessful, write to the factory.

Lubricate Regularly: Always lubricate the valves either in fully open position or fully closed position. Frequency of lubrication depends on the frequency of valve operation, the nature, pressure and temperature of the line fluid, and the mechanical condition of the valve. It is not possible to lay this down precisely, but the following schedule will be a good guide for most cases.

Frequency of Valve Operation	An average valve should be lubricated	
	Not More than	Not Less Than
Over 100 times per shift 10-100 times per day 1-10 times daily Less Frequency	Each Shift Daily Weekly Quarterly	Weekly Weekly Monthly Twice Annualy

Method of Lubrication:The most common method of lubricating an RASHTRIA Valve is by removing the lubricant screw,inserting a stick of the correct size and type of Rashtria Lubricant into the shank and injecting this into the valve lubrication system by means of the screw.The screw is usually turned by means of a short tommy bar and is rotated until resistance is felt,which indicates that the lubricant system is fully charged.It is not necessary to use a complete stick of lubricant each time the valve is lubricated:When a new stick of the lubricant has been inserted into the plug shank,as occasional one or two turns of the lubricant screw will usually keep the valve fully lubricated(A check valve is fitted to prevent return of lubricant).

Do not Over-Lubricate:The ideal amount of lubricant to be used each time is the minimum required to maintain the valve in good condition,ensuring smooth operation with pressure tightness.Usually two or three turns of the screw.When a valve is fully charged,the resistance to insertion of additional lubricant is appreciably increased,provided the plug is correctly seated.Remember that the closer the plug is seated,less the lubricant required.

Warnig: If it is possible to feed in an excessive quality of lubricant without building up pressure,it is an indication that the valve is out of adjustment or in need of a repair.

Caution:Only those lubricants formulated specially for Rashtria Valves and no other types of lubricant should be used.

"RASHTRIA" LUBRICATED SEALING COMPOUNDS FOR LUBRICATED PLUG VALVES

GRADE	TEMP.RANGE	COLOUR	SUITABLE FOR	DON'T USE FOR
RASHTRIA-100	10-100 D/C	WHITE	Nitrating Acids, Sulphuric Acids, & Other Oxidising Agents	Petroleum or Hydrocarbon Products
RASHTRIA-200	0-100 D/C	Dirty White	Aliphatic & Aromatic Hydro Carbons, Mineral Oils, Chlorinated Solvents	Water and Alcohols
RASHTRIA-300	15-325 D/C	White/ Black	Most Chemical Plant Services, Compressed Air Water, Aqueous Solutions, Dilute Acids, & Alkaline Solutions	Strong Acid Solutions & Petroleum Products
RASHTRIA-400	0-295 D/C	LIGHT to Dark Brown	Butane, Propane, Gasoline, oils,	Strong Alkalines

ALL LUBRICATED VALVES ARE FULLY CHARGED WITH LUBRICANT DURING ASSEMBLY AND ARE DESPATCHED READY FOR SERVICE