



TRACKLUBERR
HYDRAULIC RAIL LUBRICATION SYSTEM



*Install Trackluberr
for long life of Rails*

RIKKON GROUP OF COMPANIES

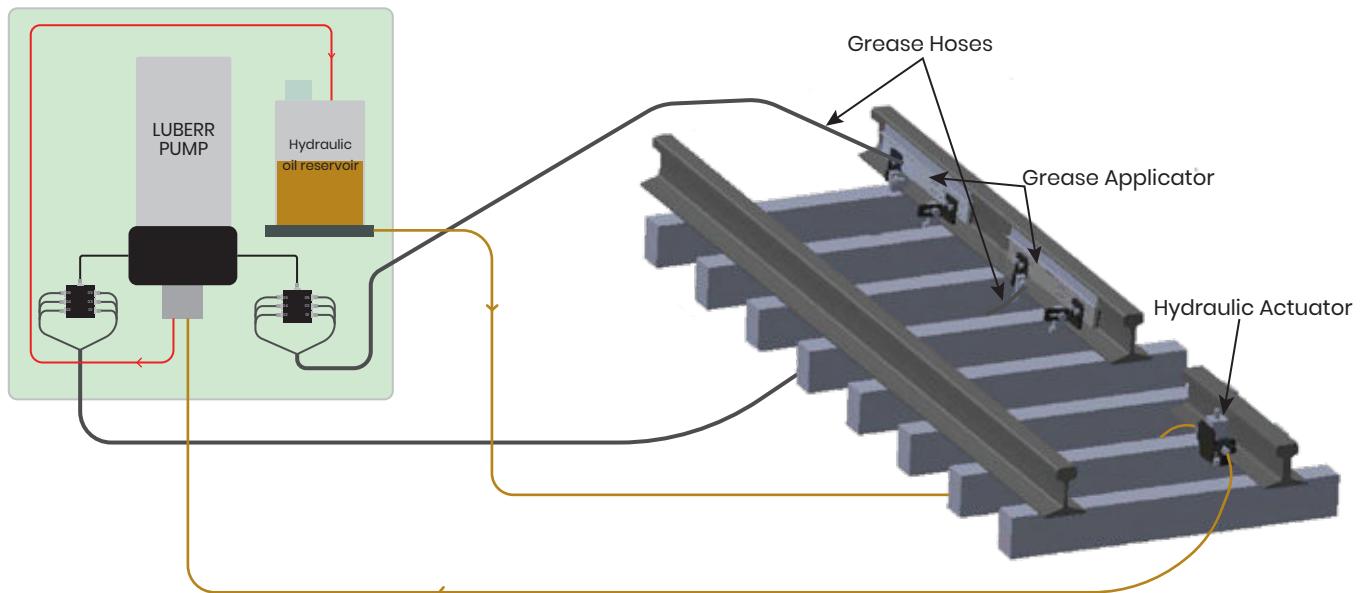


INTRODUCTION TO HYDRAULIC TRACKLUBERR

The **TRACKLUBERR** system is a mechanical system that is used to lubricate the tracks of railway lines. The system is designed to reduce friction between the train wheels and the tracks, which in turn reduces wear and tear on the tracks and the wheels. These lubrication points are usually located at curve areas where there is a high degree of friction between the train wheels and the tracks. The lubrication systems are equipped with applicator that applies a fine patch of lubricant onto the tracks. The lubricant is stored in a tank and pumped through a network of pipes to the lubrication points

The **TRACKLUBERR** system is typically controlled by a controller or actuator which operates pump based on the preprogramming logic or hydraulic actuator. The system delivers the amount of lubricant onto the applicator which is installed on the track. This ensures that the lubrication is applied only where it is needed, and not wasted on areas where there is little or no friction.

In conclusion, the trackluberr system is an essential component of railway infrastructure required for the smooth operation of trains and the safety of passengers.



Single Applicator of 675 mm long



Dual Applicator of 1350 mm long (675 x 2) can be combined into single or split with the small gap to cover alternate quadrant of wheel



Track Lubrication Pump

Model	LUBERR HYDRATRACK
Reservoir capacity	20 Kg
Output / Outlet	0.35 cc / stroke
Max. No of outlet	3
Max. Operating Pressure	300 Bar
Outlet Size	1/4 BSP



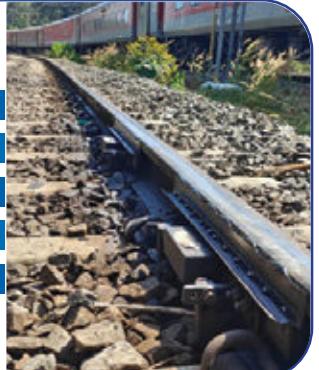
Distribution Box

Model	SVM2ID
Design	Mono Block Progressive Distributor
Material	Alloy Steel
No of outlet	6 to 28
Output	0.2 cc / cycle
Max. Operating Pressure	300 Bars
Monitoring	Yes (Optional)



Rail Applicator

Model	Single / Dual Applicator (split type)
Material	Aluminum
Outlet	6 / 12
Inlet Connection	1/4 BSP
Length	675 mm / 1350 mm



Hydraulic Actuator

Type	Wheel Actuated
Function	Forcing the oil to run the pump
Material	Alloy steel
Oil Type	VG-68



Benefits

Reduce flange wear in wheels

Reduce lateral forces in curves

Reduction of gauge face wear

Reduce maintenance requirements

Life of wheel and rails increase

Reduction of fuel / energy consumption

Reduces the rate of wear

Minimized wastage of the lubricant

Reduction in noise from wheel / rail interaction

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