

IGRALUB LUBRICANTS & SYSTEMS FOR RAILWAYS AND RAILWAY INSTALLATIONS



Company summary

IGRALUB has developed and delivered innovative and highly efficient lubricants and lubrication systems for railways, LRV, metros and trams. Igralub's know-how helps to dramatically reduce wheel/rail wear and tear and reduce or even prevent the annoying train wheel/rail noises, such as curve squeaking. As a total services provider Igralub offers integral solutions and support over the complete life cycle.

Swiss know-how for curve noise solutions

IGRALUB has been dealing with the problem of rail squeak on bends for more than 20 years. This depth of experience guarantees comprehensive consultation for a successful solution. Igralub offers the high-tech lubricant HeadLub, optimal application systems, position dependent control system with GPS, service and support.

Wheel and rail management

IGRALUB offers as "Total Services Provider" wheel and rail lubrications systems from one source. This guarantees one contact person, compliant systems and lubricants that are effective, efficient and environmentally friendly. We provide support throughout all phases of a project, from problem identification and analysis to planning, engineering, after-sales and maintenance.

Electronic lubrication control system

TOR Control is an independent, electronic control system that meets the requirements for successful railway lubrication: to lubricate the right amount at the right place and at the right time. TOR Control detects the approach of memorized lubrication points before bends and triggers the appropriate spray action, which may be determined by a variety of factors, e.g. direction of travel, brake application, speed and weather.



Creation of a conditioning plan with the IGRALUB fleet management system.



IGRALUB provides installation support for on-board lubrication systems.



After-sales support is most important to reduce lifecycle costs.

Homologation process and tests for railway lubrication systems

Together with our customers, we carry out on-site tests and measurements all over the world and also make use of test systems in technical colleges and universities. With these extensive measurements and test results, we are able to offer our customers a highly effective concept.



Noise measurements with acoustic cameras.

Fleet lubrication and noise management

IGRALUB has developed a new total fleet lubrication and noise management system, which controls all lubrication-relevant fleet components to improve safety and material longevity with environmentally friendly applications, using the most advanced and efficient wheel/rail friction modifier technologies available.



Assistance during the homologation process.

Railway Lubricants

IGRALUB developed lubricants for on-board and wayside lubrication systems. Our specialty lubricants are known for a high solid content and a wide range of application temperatures. Special low-temperature lubricants can be used up to freezing temperatures of minus 40°C (-40°F).

For best results, IGRALUB is offering two different products lines, one for wheel flange lubrication (*RailLub*) and one for top of rail lubrication (*HeadLub*).



IGRALUB holds speeches on international railway forums and exhibitions.

Automotive, Cranes and Industry Lubricants

Outside the transportation sector, IGRALUB is serving over 2500 customers in other industries and markets with unique application-specific high-tech lubricants for automotive, bike and bicycles, machinery, overhead or gantry cranes, harbour cranes, special container handling systems and specialties vehicles in amusement parks, mining and heavy steel plants. Our well-branded lubricants can be found in almost every bicycle shop around the world.

Contact wire de-icing

The icing of the contact wires in the winter months is a problem associated with high follow-up costs for many transport operators. Igralub offers a newly developed contact wire de-icing system and anti-freeze agent Pantotec DK.



TOR Control enables fully automatic control of wheel flange or top of rail lubrication.

Biological degradability

IGRALUB intends to establish itself as the leading provider of ecologically harmless lubricants. For this reason, biologically degradable substances are used exclusively wherever possible. In order to guarantee this to our customers, IGRALUB has its products certified according to the latest test methods.



The biologically degradable products are marked with a special symbol in our technical information sheets.



The correct adjustment of the nozzles is important for an effective lubrication system.

About IGRALUB Group

IGRALUB was founded by André Kofmehl in 1992 with partners from Germany in Zurich, Switzerland. Today, IGRALUB has subsidiaries and agencies in 16 countries (branch offices in Singapore, USA, and Germany), and has conducted about 250 project studies, and solution recommendations. Over 200 transit authorities around the world are using IGRALUB's lubricants & systems, including operators of high speed rail, commuter and light-rail, streetcars, heavy-rail and heavy haul locomotives, as well as cog-rails, a specialty of our company.

