



# Diesel Locomotive Products

A range of high-quality diesel locomotive lubricants designed to perform



*Performance Through Technology*



**MORRIS**  
LUBRICANTS  
ESTABLISHED 1869

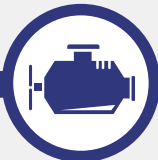
# Performance Through Technology

## LEADERS IN QUALITY LUBRICANTS

As one of Europe's leading manufacturers of high-quality lubricants with a history dating back to the golden age of rail, we're constantly striving to develop the next generation of products that not only meet, but far exceed, our clients' expectations. Our highly skilled, expert team works in close collaboration with many of the world's major OEMs to ensure that our range of products continues to meet the very latest and most stringent of global standards.

## A COMPREHENSIVE RANGE OF DIESEL LOCOMOTIVE LUBRICANTS

Our mainline diesel locomotive product range has been specially formulated to meet, and exceed, the requirements of present-day operating conditions, our expert team have introduced innovative new technologies to ensure the provision of outstanding resistance to rust, corrosion, wear and oxidation. Our high quality products have been designed specifically to keep various classes of mainline diesel locomotive fully operational for many years to come.



### Heavy Duty Diesel Engine Oils

A range of superior quality mono and multi-grade heavy duty diesel engine oils ideally suited for diesel locomotives. These products provide exceptionally high levels of engine cleanliness and outstanding wear protection.



### Greases

A range of premium quality multipurpose greases designed to lubricate and provide maximum protection for critical parts and components. The range contains specifically formulated products for a wide variety of challenging applications. Designed to be subjected to extreme operating conditions and temperatures these greases can be applied by gun or used in centralised systems.



### Compressor Oils

A range of high-quality compressor oils designed and optimised for use in all compressor types, including hydrovane, rotary screw, reciprocating and lobe technologies. Incorporating the latest additive technologies to reduce wear and increase the life of the compressor.



### Coolants

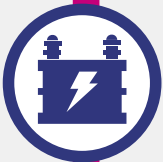
Formulated specifically to provide protection all year round, the products not only ensure effective cold start, but the balanced blend of rust and corrosion additives contribute to cooling system integrity.

## UNDERSTANDING YOUR NEEDS

Our world-renowned Research and Development department is constantly innovating to develop the next generation of products to keep your diesel rolling stock perfectly protected and operational. Our specially formulated range of lubricants has been developed in close collaboration with diesel locomotive OEMs and a wide range of mainline operators.

## ASK THE EXPERT

We're hugely proud of the relationships we have with our customers and are always on-hand to provide expert technical support whenever it is needed. Our team of fully-qualified technicians has extensive knowledge of lubricant technologies and their applications, which ensures that we are able to identify and recommend the perfect solutions to our customers' requirements in a timely and professional manner, each and every time. And our technical support function is available to all our customers via the Ask Our Expert facility, accessed through our dedicated website, via email or telephone.



### Transformer Oils

A highly refined naphthenic product for use solely in oil filled transformers and other electrical equipment. The base stock and refining process has been specifically chosen to produce a long life product free of oxidation and sludging tendencies.



### Maintenance Aerosols

A carefully blended range of high performance maintenance aerosol products, including solvent cleaners, degreasers and chain lubricants. The ideal addition to any maintenance workshop.



### Hygiene

A flexible range of cleaning products suitable for dilution and use in pressure washers to maintain cleanliness across a variety of surfaces.



### Hand Care

A powerful range of solvent-free hand cleansers designed to remove the toughest dirt and grime whilst providing ultimate protection to the skin. They make a perfect accompaniment to our barrier cream products in any workshop.

# Lodexol MTL

## Bitumen Free, Traction Motor Gearbox Lubricant



Reproduced courtesy of Europhoenix

Specifically designed for the lubrication of Traction Motor gears commonly found on Diesel-Electric locomotives operating on the rail networks and heritage lines.

Lodexol MTL is a highly adhesive, water resistant lubricant incorporating a highly stable additive package to prevent corrosion and wear even under high stresses and loads. The absence of Bitumen or residual oils yields a product which requires no special handling requirements unlike previous formulations used over the last 50 years.

- Low Odour
- No special handling requirements
- Bitumen Free
- Highly adhesive
- High lubricity
- High water resistance
- High shock load resistance



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All the products are reflective of the latest specifications at the time of going to press and are part of a continuous development programme. The company reserves the right to change formulation and specification, without prior notice to meet the latest trends and developments in lubricant and grease technology. For more detailed information on any product and confirmation of the latest specifications contact our Technical Services Department. Full product data sheets and health and safety information is available on request.