

INDUSTRIAL GEAR OIL

RUBION SERIES

NATO Stock No 6850-32-087-9519

RUBION 7000

LUPROMAX



A member of
American
Chemistry Society

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Industrial Gear Oil

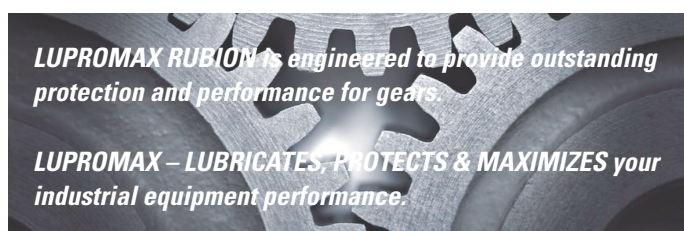
DESCRIPTION

LUPROMAX Oil with Heat Activated Technology™ is specially developed to LUBricate, PROtect and MAXimize your industrial equipment performance.

LUPROMAX RUBION 7000 is a premium quality industrial extreme pressure gear lubricant designed to operate over a very wide range of temperatures and conditions. Its high load carrying capacity and anti-friction characteristics combine to offer superior performance in heavy duty industrial gears and other industrial applications. These fluids possess excellent high temperature oxidation stability and superior low temperature fluidity.

LUPROMAX RUBION 7000 has the ability to rapidly separate from water and prevent the formulation of anti-lubricating emulsions. The incorporation of selected high performance additives provides an extreme pressure performance and protects gear from rust, corrosion and foam. In addition, extreme pressure additives provide maximum protection against shock loading and offer high load carrying capabilities.

LUPROMAX RUBION 7000 Industrial Gear Oils find applications in virtually all types of industrial settings. Some typical applications includes gear sets and oil circulating systems in steel mill, foundries, glass and bottle manufacturing plants, injection molding machines, paper mills, electrical wheel motors used in surface mining and quarries, sheering arms in underground coal mining, cement kilns, petroleum and chemical processing plants.



ADVANTAGES

- Excellent load carrying capacity and anti-friction characteristics.
 - Excellent extreme pressure and wear protection.
 - Reduces gear tooth and bearing wear on both steel and bronze components.
 - Extended gear service life
- Excellent lubrication properties.
 - High adhesion to gear teeth extends gearbox life and reduces maintenance costs.
 - Excellent resistance to high temperature lubricant breakdown.
- Excellent oxidation and thermal stability.
 - Withstands high thermal loading and resists the formation of sludge and other harmful products of oxidation.
 - Long lubricant life, excellent protection for a variety metals and alloys, resulting in extended service life with reduced maintenance.
- Excellent rust and corrosion protection.
 - Protects both steel and bronze components, even in the presence of contamination by water and solids.
- Resistant to micro-pitting.
 - Protects against micro-pitting and scuffing of gear teeth.
- Enhanced system efficiency and cleanliness.
 - Promotes system efficiency by suppressing foaming, releasing trapped air and rapidly separating out condensed water.
 - Resists formation of sludge and carbon deposits and maintain gearbox cleanliness.



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SPECIFICATIONS

LUPROMAX RUBION 7000 Industrial Gear Oil meets and exceeds the requirements of:

ISO	12925-1 CKC/ CKD
DIN	51517 - Part 3
AGMA	9005- E02
US Steel	224

Typical test result for LUPROMAX RUBION 7000 ISO 220 are:

Test Description	Method	Results
Extreme Pressure Properties Timken wear and lubricating testing machine Min OK Load, lb	ASTM D-2782	70
Four Ball Extreme Pressure Test Load Wear Index (LXI), Kg Weld Load, Kg	ASTM D-2783	53.7 250
FZG Load Carrying Capacity Failure Load Stage FZG Total Wt, Loss, mg	DIN 51354	>12 16.7
Rust Test Part A Part B	ASTM D-665 (IP135)	Pass Pass

APPLICATIONS

LUPROMAX RUBION 7000 is designed to optimize performance and protection in steel gear transmissions, industrial gear drives where a full Extreme Pressure performance is required, bearings, circulating and splash lubricated systems.

- LUPROMAX RUBION 7000 is specially designed to give you confidence of protection, where conventional oils often may not perform.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Product should not be stored above 60°C, exposed to hot sun or freezing conditions.

AVAILABLE PACKAGING

20 liters pail/ 200 liters drum

Properties	Method	LUPROMAX RUBION 7000								
ISO Viscosity Grade	SAE J 300	68	100	150	220	320	460	680	1000	
Kinematic Viscosity @40°C	cSt ASTM D445	67.2	98.2	151	226.4	327.4	463	670.3	1030	
Kinematic Viscosity @100°C	cSt ASTM D445	8.6	11.1	14.7	18.18	24.4	30.5	48.8	68.5	
Viscosity Index	ASTM D2270	98	98	96	95	95	95	125	132	
Flash Point °C	ASTM D92	228	232	252	260	242	255	258	260	
Pour Point °C	ASTM D97	-9	-9	-9	-9	-6	-6	-6	-6	
Density @15°C	kg/l ASTM D4052	0.884	0.888	0.896	0.898	0.900	0.905	0.912	0.911	

HEALTH, SAFETY & ENVIRONMENT

- Health and Safety

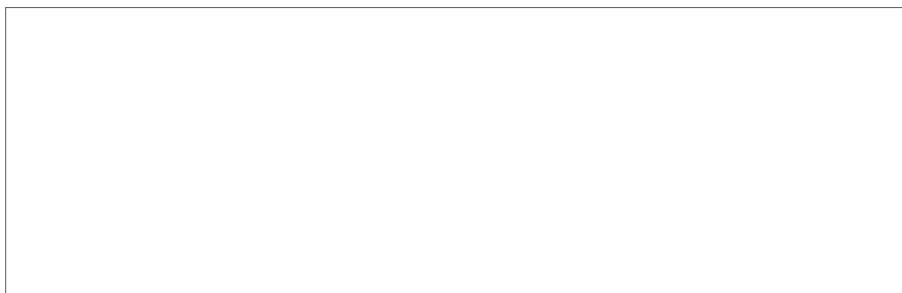
LUPROMAX RUBION is unlikely to present any significant health or safety hazard when used properly in the recommended application provided in the Material Safety Data Sheet (MSDS) are followed. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained upon request through your sales contract office, or via the internet.

- Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

For more information about Lupromax products, please contact your local distributor or Magna offices:

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LUPROMAX®