

FULLY SYNTHETIC COMPRESSOR OIL

CENTURION SERIES

NATO Stock No. 6850-3287-9521

CENTURION 9000

LUPROMAX





Revolutionizing the Lubrication Industry through Heat Activated Technology



LUPROMAX CENTURION 9000

NATO Stock No. 6850-3287-9521

Fully Synthetic
Compressor Oil

DESCRIPTION

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

LUPROMAX CENTURION 9000 is an advanced fully synthetic compressor oil specifically developed to provide high performance lubrication in a variety of rotary, reciprocating air compressors and high temperature circulating systems. The advanced fully synthetic technology provides outstanding oxidation performance, wear protection, resistance to rust and corrosion, rapid water separation and foam control. The naturally extra high viscosity index provides stable viscosity characteristics and maintains a tough fluid film, even at high operating temperatures.

LUPROMAX CENTURION 9000 with Heat Activated Technology™ contains LUPROMAX's proven synthetic technology that provides long service life and drain capability in most compressor applications. The thermal stability and oxidation resistance of this fluid helps to maintain cleaner compressors by continuously preventing the formation of varnish and carbon deposits, thereby enabling longer running periods between scheduled maintenance and oil changes. The outstanding anti-wear and corrosion protection are designed to enhance equipment life, while reducing maintenance requirements.

ADVANTAGES

- Excellent lubrication at high temperatures and pressures.
- Outstanding resistance to oxidation breakdown.
 - Excellent resistance to oxidative breakdown caused by exposure to air at high discharge temperatures.
 - Reduces oil thickening, maintaining good fluidity through pumps, lines, filters and actuators.
 - Control build-up of acidic by-products that can accelerate oil deterioration and promote corrosion.
 - Controls build-up of sludge and varnish to ensure smooth operation through fine tolerances.
 - Extends maintenance intervals.
- Higher thermal stability reduces carbon deposit formation.
 - Improves compressor operating efficiency and lower energy consumption costs.
 - Reduces valve sticking and maintains heat transfer efficiency of intercoolers.
- Outstanding wear protection.
 - Prolongs the service life of working components such as rotor bearings, vane tips, piston rings and liners.
 - Reduces overall maintenance costs.
- Outstanding rust and corrosion protection.
 - Helps to extend component life, especially when running intermittent service in high humidity conditions.
- Improves viscosity index and good low temperature properties.
 - Improves film thickness at elevated temperatures.
 - Better cold temperature fluidity for low temperature start-up.
- Enhanced system efficiency and cleanliness.
 - Promotes system efficiency by suppressing foaming, releasing trapped air and rapidly separating out condensed water.
 - Resists formation of varnish and carbon deposits in sliding vane slots, cylinders, valves, discharge line, intercoolers and after-coolers.

LUPROMAX CENTURION is engineered to provide outstanding protection and performance for compressors.

LUPROMAX – LUBRICATES, PROTECTS & MAXIMIZES your industrial equipment performance





LUPROMAX CENTURION 9000

NATO Stock No. 6850-3287-9521

Fully Synthetic
Compressor Oil

APPLICATIONS

LUPROMAX CENTURION 9000 is designed to optimize performance and protection in a variety of rotary and reciprocating air compressors.

- LUPROMAX CENTURION 9000 is recommended for lubrication of screw compressor, piston and reciprocating compressor, vacuum pump compressor and most compressor applications.
- LUPROMAX CENTURION 9000 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.

SPECIFICATIONS

LUPROMAX CENTURION 9000 Compressor Oil meets and exceeds the requirements of DIN 51506 VDL.

Properties			Method	LUPROMAX CENTURION 9000					
ISO Viscosity Grade			SAE J 300	22	32	46	68	100	150
Kinematic Viscosity	@40°C	cSt	ASTM D445	22.2	30.5	44.2	68.2	99.8	150
Kinematic Viscosity	@100°C	cSt	ASTM D445	4.57	5.62	7.30	9.91	13.13	17.7
Viscosity Index			ASTM D2270	122	125	127	128	129	130
Flash Point	°C			218	228	232	238	245	254
Pour Point	°C			-24	-21	-18	-18	-15	-15
Density	@15°C	kg/l	ASTM D4052	0.841	0.843	0.848	0.852	0.857	0.861

HEALTH, SAFETY & ENVIRONMENT

- Health and Safety

LUPROMAX CENTURION 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.

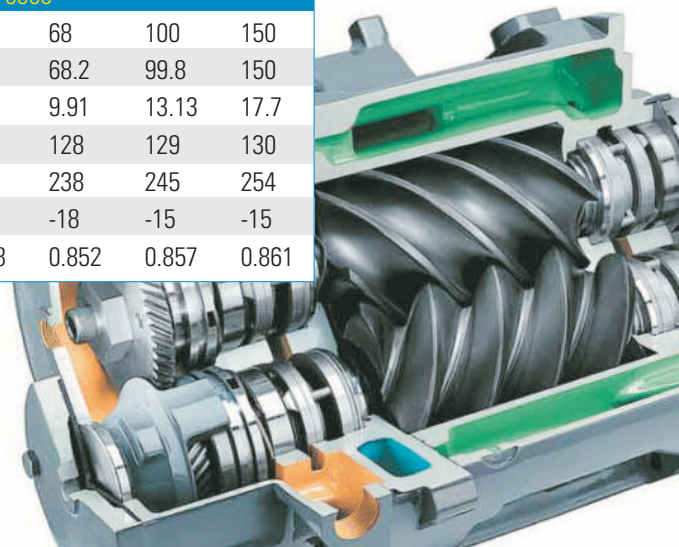
Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained upon request through your sales contract office, or via the internet.

- Protect the Environment

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

AVAILABLE PACKAGING

20 liters pail/ 200 liters drum





Revolutionizing the Lubrication Industry through Heat Activated Technology

LUPROMAX[®]

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

Distributed by:



Headquarters & Far East Office:
Magna International Pte Ltd

10H Enterprise Road
Singapore 629834
Tel (65) 6788-1228
Fax (65) 6785-1497
Email info@magnachem.com.sg
Website
<http://www.magnachem.com.sg>

Indonesia Office:

PT Magna Indonesia
Central Park Office Tower,
18th floor Suite #2
Jl. Letjen S. Parman Kav. 28
Jakarta Barat 11470
Tel (62)021-2903 4333
Fax (62) 021-2903 4260
Email contactus@lupromax.co.id

North America Office:

1450 Government Rd West
Kirkland Lake Ontario P2N 2E9
Canada
Email magna@vapro.com

Australia Office:

6/632-542 Hampton Street,
Hampton VIC 3188
Melbourne Australia
Email
nelsoncheng@magnaaustralia.com.au
Website
<http://www.magnaaustralia.com.au>

ISO 9001



Certificate No: AJA00/2706

ISO 14001



Certificate No: AJA13/16783

This data sheet and the information it contains is believed to be accurate as the data of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version on this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken for any damage or injury resulting from abnormal use of material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.