

**SYNTHETIC DIESEL
ENGINE OIL 5W-40**

ZELOS SERIES

ZELOS 5000D

LUPROMAX

HAT
HEAT ACTIVATED TECHNOLOGY

A member of
STLE
Society of Tribologists
and Lubrication Engineers

A member of
NACE
INTERNATIONAL

RoHS
Compliant

A member of
American Chemical Society





Revolutionizing the Lubrication Industry through Heat Activated Technology

LUPROMAX®
Lubricates • Protects • Maximizes

LUPROMAX ZELOS 5000D

NATO Stock No. 6850-32-087-9467

Synthetic Diesel Engine Oil 5W-40

DESCRIPTION

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

LUPROMAX ZELOS 5000 D 5W-40 utilizes the highest performance synthetic diesel engine oil, extending engine life while providing long drain capability and fuel economy for modern diesel engines operating in severe applications. The advanced chemistry of this product is uniquely designed to provide outstanding protection in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur fuel under severe on and off-highway conditions.

LUPROMAX ZELOS 5000 D 5W-40 combines a blend of high performance base stocks with a progressive additive system, to provide superior control of oil thickening due to soot build-up and high temperatures as well as outstanding resistance to oxidation, corrosion and high temperature deposits. This advanced synthetic technology provided maximum acceleration, torque and ultimate power for outstanding performance and reliability.

LUPROMAX ZELOS 5000 D 5W-40 with Heat Activated Technology™ utilizes LUPROMAX's fully synthetic technology with a high performance additive system, reducing vibration and engine noise, and enhancing shear stability for a quieter and smoother drive.

LUPROMAX Oil is engineered to provide maximum power for your driving experience.

LUPROMAX – LUBRICATES, PROTECTS & MAXIMIZES your engine performance.

ADVANTAGES

- Help maintain engine cleanliness and continuously prevent dirt and sludge build-up.
- Excellent anti-oxidation properties to prevent premature ageing of oil by continuously reduces engine deposit, viscosity increase and acid generation.
- Highly effective soot dispersion and excellent wear protection at high temperatures.
- Effective TBN reserves that neutralize acids and enable extended drain intervals.
- Outstanding resistance to corrosion helps extend life of critical wear surfaces.
- Outstanding performance during the maximum oil change interval and contributes greater fuel efficiency.
- Tested and proven to deliver improved power and acceleration.
- Excellent flow characteristics under extreme hot and cold operating conditions and during periods of intermittent use.
- Reduced friction and engine noise, enhances shear stability for a quieter, smoother and enjoyable drive.



Copyright 2014 Magna International Pte Ltd. LUPROMAX is a registered trademark of Magna International Pte Ltd in Singapore and/or other countries.



Revolutionizing the Lubrication Industry through Heat Activated Technology

LUPROMAX[®]
Lubricates • Protects • Maximizes

LUPROMAX ZELOS 5000D

NATO Stock No. 6850-32-087-9467

Synthetic Diesel Engine Oil
5W-40

APPLICATIONS



LUPROMAX ZELOS 5000 D 5W-40 is designed to optimize performance and protection for modern diesel engines where API C14 (and below) are recommended.

- LUPROMAX ZELOS 5000 D 5W-40 is recommended for use in:
 - All super high performance diesel applications including modern low emission engine designs with Diesel Particulate Filters (DPFs) and Exhaust Gas Recirculation (EGR) systems, naturally aspirated, super or turbo-charged diesel powered equipment from leading American, European and Japanese manufacturers.
 - On-highway light and heavy duty trucking including high speed/ high load and pick-up/ delivery.
 - Off-highway industries including: mining, construction, quarrying and agriculture.
- LUPROMAX ZELOS 5000 D 5W-40 is suitable for extreme engine stress conditions, where conventional oil 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

SPECIFICATIONS

LUPROMAX ZELOS 5000 D 5W-40 meets and exceeds the requirements of:

API	C14
ACEA	E3,E5,E7
MAN	3275
MB	228.3
VOLVO	VDS-3
Mack	EO-M

Properties		Method	LUPROMAX ZELOS 5000
ISO Viscosity Grade		SAE J 300	5W-40
Kinematic Viscosity	@40°C cSt	ASTM D445	95.65
Kinematic Viscosity	@100°C cSt	ASTM D445	14.90
Viscosity Index		ASTM D2270	163
TBN	mgKOH/g	ASTM D2896	12.0
Flash Point	°C	ASTM D92	217
Pour Point	°C	ASTM D97	-30
Density	@15°C kg/l	ASTM D4052	0.8635

HEALTH, SAFETY & ENVIRONMENT

- Health and Safety

LUPROMAX ZELOS 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.



Revolutionizing the Lubrication Industry through Heat Activated Technology

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@vappro.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.

LUPROMAX®