

# PETRONAS SILUB 70 LS50

## High Performance 70 TBN Cylinder Oil for Low Speed Diesel Engines

PETRONAS Silub 70 LS50 is a high performance cylinder oil specially developed for two-stroke modern cross-head low speed marine diesel engines running heavy fuel with sulfur levels from 1,0% – 2,5%.

Formulated with high quality selected mineral base oils enhanced with anti-wear, detergent/dispersant, anti-oxidant, anti-rust and anti-foam additives, PETRONAS Silub 70 LS50 oil provides excellent engine cleanliness, especially in crankcase and camshaft areas. High thermal and oxidation stability, wear and corrosion protection operating at higher and pressure found in modern cross-head engines.

### Applications

PETRONAS Silub 70 LS50 is recommended for use in:

- cylinder liner lubrication of two-stroke cross-head low speed marine diesel engines

### Features and Benefits

Features	Benefits
High wear protection	High protection against excessive piston rings and cylinder liner wear
High detergency/dispersancy	Provides very good engine cleanliness to reduce maintenance cost
High deposit control	Minimizes deposits in areas such as liner and piston crown. Keeps piston ring area clean enabling piston rings to function efficiently reducing wear and preventing blow by
High thermal and oxidation stability	Maintains lubricant performance levels under high pressure and temperatures to ensure long oil life of piston rings and cylinder liners
High TBN and retention	Maintains high protection level against corrosion for engines burning sulphur fuels 1,0-2,5%

# PETRONAS SILUB 70 LS50

High Performance 70 TBN Cylinder Oil for Low Speed Diesel Engines

## Typical Properties

Characteristic	Method	SAE 50
Specific Gravity @15°C	ASTM D 4052	0,932
Kinematic Viscosity at 40°C, cSt	ASTM D 445	198,2
Kinematic Viscosity at 100°C, cSt	ASTM D 445	18,52
Viscosity Index	ASTM D 2270	104
Flash Point, °C	ASTM D 92	266
Pour Point, °C	ASTM D 97	-9
TBN, mgKOH/g	ASTM D 2896	70
Sulphated Ash, %wt	ASTM D 874	9,0

All technical data is provided for reference only / SS is available upon request including quality control limits

## Performance Levels

- MAN

# PETRONAS SILUB 70 LS50

High Performance 70 TBN Cylinder Oil for Low Speed Diesel Engines

## Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

## Important Note

The word PETRONAS, the PETRONAS logo and such other related trademarks and/or marks used herein are trademarks or registered trademarks of PETRONAS Lubricants International Sdn. Bhd. ("PLISB"), or its subsidiaries or related Holding Corporation under license unless indicated otherwise. The PLI Documents and the information contained herein are believed to be accurate as of the date of printing. PLISB makes no express or implied representation or warranties as to its accuracy or completeness or information in or any transaction performed. The PLI Documents and information provided are based on standard tests under laboratory conditions and is given only as a guide. Users are advised to ensure that they refer to the latest version of these PLI Documents. It is the responsibility of the users to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations imposed by the respective local authorities.

Safety Data Sheets are available for all our products and should only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either PLISB or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortuous action, in connection with or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representatives in the event you require any further information.