



## PRODUCT & TECHNICAL DATA

# KEPU MCL 5070

## MARINE CYLINDER LUBRICANT FOR MARINE ENGINES USING HEAVY FUEL

### DESCRIPTION

KEPU MCL 5040 is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low speed crosshead diesel engines operating on residual fuels having sulphur content in excess of 1%. This oil is specially developed for diesel engines operating with higher pressures & temperatures and longer strokes. This oil is available in SAE 50 viscosity grades with a BN (Base Number) of 70. This oil possesses outstanding acid neutralizing capability and provides excellent engine cleanliness and durability.

### APPLICATIONS

- Recommended for cylinder lubrication of the latest, highly rated low speed crosshead marine diesel engines operating on residual fuels with sulphur contents in excess of 1%
- The feed rates recommended by the manufacturer should be maintained as the minimum. Higher feed rates may be required when running new liners and/or rings

### FEATURES AND ADVANTAGES

- Outstanding acid neutralizing capability helps to prolong the life of engine components
- Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports
- Enhanced anti-wear property minimizes piston ring & cylinder wear leading to reduced maintenance costs
- Good compatibility with all normal seal materials



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### PHYSICAL CHARACTERISTICS

<b>SAE</b>	<b>50</b>
<b>TBN</b>	<b>70</b>
<b>TBN, mg KOH/g</b>	<b>70.1</b>
<b>Viscosity @ 100 °cSt</b>	<b>18.5</b>
<b>Viscosity Index (MIN)</b>	<b>96</b>
<b>Pour Point, °C</b>	<b>-18</b>
<b>Flash Point, °C</b>	<b>246</b>
<b>Density @ 15 °C, kg/l</b>	<b>0.934</b>

### GENERAL ADVICE

Further information on all KEPU lubricants may be obtained on (+27) 21 556 6109

These characteristics are typical of current production.  
Whilst future production will conform to KEPU Oil specification, variations in these characteristics may occur.

#### Health & Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your KEPU representative.

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