



# Makina Grease & Lubricants Manufacturing L.L.C.

## MarCyl 50100

### Description

MarCyl 50100 is superior quality marine cylinder lubricants suitable for older, lower stressed engines. And to be used in engines operating on high sulfur Heavy Fuel Oil. It provides effective corrosive wear protection with performance demonstrated in full length field trials.

MarCyl 50100 with excellent acid- neutralizing properties and control against deposits for outstanding cylinder and piston-ring wear protection to extended engine component life and time between overhauls.

### Application

- Outstanding thermal and oxidation stability and excellent detergency  
Excellent deposit control  
Leads to clean engine parts o Allows operation at optimized feed rates
- Excellent anti-wear properties o Prevents scuffing  
Reduces liner and ring wear  
Allows extended time between overhauls
- Meets many of major engine manufacturers

### Care and Handling

- Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

### Packing and Storage

- Supplied in bulk and drum of approximately 210 liters. Ensure drums are tightly re-sealed after use.
- 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 the obliteration of drum marking.
- Product should not be stored above 60°C, exposed to hot sun or freezing condition.

### Typical Characteristics

PROPERTIES	UNITS	TEST METHOD	VALUE
SAE VISCOSITY GRADE			50
KINEMATIC VISCOSITY, at 40°C	mm <sup>2</sup> /s	ASTM 445	225
KINEMATIC VISCOSITY, at 100°C	mm <sup>2</sup> /s	ASTM 445	19.5
VISCOSITY INDEX		ASTM D2270	>95
DENSITY at 15°C	kg/L	ASTM D-4052	0.932
FLASH POINT (PMCC)	°C	ASTM D93	>210
POUR POINT	°C	ASTM D97	<-6
TOTAL BASE NUMBER	mg/KOH/g	ASTM D2896	100

\* The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.