

MARINA CYL

Slow Speed Marine Diesel Engine Cylinder Oil

MARINA CYL is a high alkaline oil blended using highly-refined, paraffinic base stocks with carefully-selected, modern, complex detergent additives. It provides excellent cleaning and high performance corrosive wear protection for rings and liners.

Product Applications:

- Low speed marine diesel engines operating at a very high mechanical load and higher liner wall temperature
- Uses CYL 505 for low-speed crosshead, two-stroke marine diesel engines burning distillate fuel with sulphur content ranging between 1.5% to 2.0%
- Uses CYL 705 for low-speed crosshead, two-stroke marine diesel engines burning distillate fuel with sulphur content of no more than 3.5%
- Combustion chambers of the modern large bore turbocharged cross-head, two-stroke diesel engines where a high level of acid stress occurs

Performance Benefits:

- Outstanding acid neutralizing properties from a high base number, helping to prolong the life of engine components
- High resistance to bore polishing and the formation of heavy carbon deposits on the piston crown areas
- Keeps engine scavenge air ports and cylinder liner and ring belt areas exceptionally clean
- Excellent protection against piston and liner scuffing

TYPICAL SPECIFICATIONS:			
Test Parameters	Test Method	Results	
Product Name		CYL 505	CYL 705
SAE Viscosity Grade		50	50
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	17.2	17.1
Kinematic Viscosity @ 100°C, cSt	ASTM D7042	190	195
Viscosity Index	ASTM D2270	96	93
Density @ 15°C, kg/L	ASTM D4052	0.925	0.941
Flash Point, °C (min)	ASTM D3828	220	225
Pour Point, °C (max)	ASTM D97	-15	-15
TBN, mg KOH/g sample	ASTM D4739	50	70
ASTM Color	ASTM D1500	L2.0	L2.0

The information contained herein is correct to the best of our knowledge. The recommendation and suggestion contained in this bulletin are made without guarantee of representation as a result. We suggest that you evaluate our recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach or warranty, negligence, or otherwise, is limited to the purchase price of the material.

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