

Shell Marine Products



# SHELL ALEXIA 50

A high-quality cylinder lubricant for low-speed crosshead diesel engines

At Shell Marine Products, we supply to more than 10,000 vessels ranging from large tankers and container ships to small fishing boats. We offer a comprehensive lubricants portfolio and a range of technical services to help you maximise the value of these products. With a global supply chain of more than 30 lubricant blending plants and a network of 528 ports in over 42 countries, you can rely on us for security of supply.

## Shell Alexia 50 is...

**Great value without compromising reliability.** Shell Alexia 50 has excellent acid-neutralising properties and control against deposits for outstanding cylinder and piston-ring wear protection. This results in extended engine component life and time between overhauls.

**Approved.** Shell Alexia 50 is approved by key engine manufacturers and is suitable for all types of low-speed, crosshead diesel engines. \*

**Peace of mind.** Shell Alexia 50 is compatible with all normal seal materials and stable under typical on-board conditions.

**Trusted.** Shell Alexia 50 has clocked up millions of operating hours. It has been developed over many decades in close co-operation with ship operators.

\*For detailed application advice based on your specific engine type and operating conditions, refer to manufacturers' guidelines. Shell Alexia 50 is fully miscible with all other cylinder lubricants. However, for optimum performance, Shell Alexia 50 should not be used with any other cylinder lubricant.

**SHELL ALEXIA 50 IS DESIGNED TO ENHANCE ENGINE RELIABILITY THROUGH ITS PROVEN AND RELIABLE TECHNOLOGY.**



## TYPICAL PHYSICAL CHARACTERISTICS

<b>SAE VISCOSITY GRADE</b>	50
<b>KINEMATIC VISCOSITY</b> , mm <sup>2</sup> /s	
ASTM D445 at 40°C	225
ASTM D445 at 100°C	19.5
<b>VISCOSITY INDEX</b>	
ASTM D2270	>95
<b>DENSITY</b> at 15°C, kg/L	
ASTM D4052	0.932
<b>FLASH POINT (PMCC)</b> , °C	
ASTM D93	>205
<b>POUR POINT</b> , °C	
ASTM D97	<-6
<b>BN</b> , mg/KOH/g	
ASTM D2896	70
<b>SULPHATED ASH</b> , %wt	
ASTM D874	8.7

These characteristics are typical of current production. Although future production will conform to Shell's specification, variations in these characteristics may occur.

## TECHNICAL SERVICES

Working with you to optimise engine performance

TECHNICAL SERVICE	SERVICES
<b>Shell Rapid Lubricants Analysis</b>	Laboratory oil condition monitoring tools service to help you achieve the right balance between oil feed rate and engine reliability
<b>Shell Rapid Lubricants Onboard Plus</b> <b>Shell Rapid Lubricants Onboard Alert</b>	On-board oil condition monitoring tools
<b>Shell LubeAdvisor</b>	Technical support services, lubrication surveys and audits, storage and handling advice
<b>Shell LubeCoach</b>	Empower your staff with our training
<b>Shell LubeExpert</b>	Specialist on-site critical application support and inspections by application, marine and product experts



Minimal deposits and wear on a piston ring in a MAN B&W 12K98ME-C7.1-TII engine with more than 6,000 running hours using Shell Alexia 50.



## CONTACT US

For more information, please talk to your Shell Marine Products representative or visit [www.shell.com/marine](http://www.shell.com/marine).

