

Shell Marine

SHELL ALEXIA 40

A LOW-SPEED, TWO-STROKE DIESEL CYLINDER OIL DESIGNED TO HELP YOU MEET THE IMO 2020 GLOBAL FUEL SULPHUR CAP

Shell
Alexia



Shell Alexia 40 has proven technology to provide reliable protection for engines using ultra-low-sulphur fuel (0.1%) and very-low-sulphur fuel (0.5%).

SHELL ALEXIA 40

Formulated with **base number of**

40



Suitable for fuel containing **0.1% and 0.5% sulphur**

Field trials on **four ships**



Has undergone **equipment manufacturers'** trials



Tested on the latest engine types with **IMO 2020 compliant fuels**

With low tetrapropenyl phenol technology for **safer handling**



PHYSICAL CHARACTERISTICS

Properties	Method	Shell Alexia 40
SAE viscosity grade		50
Minimum viscosity index	DIN ISO 2909	95
Kinematic viscosity at 100°C, mm ² /s	ASTM D455	18.5
Density at 15°C, kg/m ³	DIN EN ISO 12185	915
Minimum flash point, °C	ASTM D93	210
Maximum pour point, °C	ISO 3016	-20
Base number (BN), mg KOH/g	ISO 3771	40
Sulphated ash, wt%	Calculated sulphated ash	5.2

APPROVALS

- MAN Energy Solutions
- WinGD

IMO 2020 READY

Whatever your plan for meeting the IMO 2020 regulations, engine type or operating conditions, there is a Shell Alexia cylinder oil you can rely on.

SHELL ALEXIA COMPLETE PRODUCT PORTFOLIO TO SUPPORT YOUR IMO 2020 STRATEGY

The new Shell Alexia portfolio	Previously known as	BN	SAE viscosity grade	Product features
Shell Alexia 25	Shell Alexia S3	25	50	0.1% sulphur fuel, Emission Control Areas and liquefied natural gas
Shell Alexia 40	-	40	50	0.1% sulphur and 0.5% sulphur fuel
Shell Alexia 70	Shell Alexia 50	70	50	High-sulphur fuel oil* + scrubber
Shell Alexia 100	Shell Alexia S6	100	50	High-sulphur fuel oil* + scrubber
Shell Alexia 140	Shell Alexia 140	140	60	High-sulphur fuel oil + scrubber

For detailed application advice based on your specific engine type and operating conditions, please refer to manufacturers' guidelines.

*0.5% sulphur fuel (if needed for cleanliness)

TECHNICAL SERVICE SOLUTIONS

In line with engine manufacturers' recommendations, we advocate engine monitoring to help give you an indication of engine condition and the optimum cylinder oil feed rate to use.

WE OFFER A SUITE OF TECHNICAL SERVICES, INCLUDING

Shell LubeAnalyst

A flexible used-oil laboratory analysis service designed to save you time and money on maintenance resulting from equipment failure. This early-warning system aims to give you peace of mind that your equipment and lubricants are in optimum working order.

Shell LubeMonitor

Shell LubeMonitor is a condition monitoring programme for two-stroke engines that includes access to Shell tools and advice to help you strike an acceptable balance between cylinder oil costs and wear-related cylinder maintenance expenses.

Shell LubeAdvisor

This on-site support from a global team of field-based engineers includes lubrication surveys, vessel assessments and in-depth technical and applications support when required.

Shell LubeCoach

A high-quality, modular and tailored programme designed to help your staff realise the benefits of a well-designed lubrication plan. Delivered by technical specialists with substantial field experience, Shell LubeCoach offers practical insights to best practice techniques.

Shell LubeExpert

Shell LubeExpert offers specialist on-site critical application support and inspections by application, marine and product experts.



TALK TO OUR TEAM

If you would like to know more about Shell Alexia or our technical services, please get in touch with our team.

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