

Shell Morlina S3 BA



- Extra life
- Extra water shedding
- Special applications: wet conditions



DESIGNED TO MEET CHALLENGES

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Morlina range of bearing and circulating oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through

- **wear protection**
- **long oil life**
- **system efficiency.**



| Performance at a glance | | | |
|---|------------|----------|-------------------|
| | Protection | Oil life | System efficiency |
| Shell Morlina S3 BA ■ Extra long life ■ Extra water shedding ■ Special applications: wet conditions | ✓✓✓ | ✓✓✓✓ | ✓✓✓✓✓ |
| Shell Morlina S2 B ■ Versatile protection ■ Industrial applications | ✓✓ | ✓✓✓ | ✓✓✓✓ |

Performance level is a relative indication only.

A SPECIAL-APPLICATION BEARING AND CIRCULATING OIL

Shell Morlina S3 BA is a premium-quality circulating oil that is designed to give excellent protection against wear and corrosion, and to prolong service life. With its outstanding water separation properties and low foaming tendency, it can help to optimise the efficiency of your operations. It is especially suitable for systems where water separation is a key issue.

In addition, it meets both the Morgan advanced lubricant specification for super demulsibility and the Danieli super demulse specification.

OUR EXPERTISE, YOUR REASSURANCE: Shell Morlina oils have been designed and developed in close co-operation with customers and equipment manufacturers, and have a proven track record in real-life applications. They are recommended or approved by leading equipment manufacturers and users around the world, so you can be assured of their quality and performance.

DESIGNED TO PROTECT

Shell Morlina S3 BA offers exceptional protection in heavily contaminated systems when other bearing and circulating oils would fail. It is designed to

- **maintain protective oil films,**
as its water separation characteristics help to ensure continuous and efficient lubricant films between moving parts to minimise wear and seizure

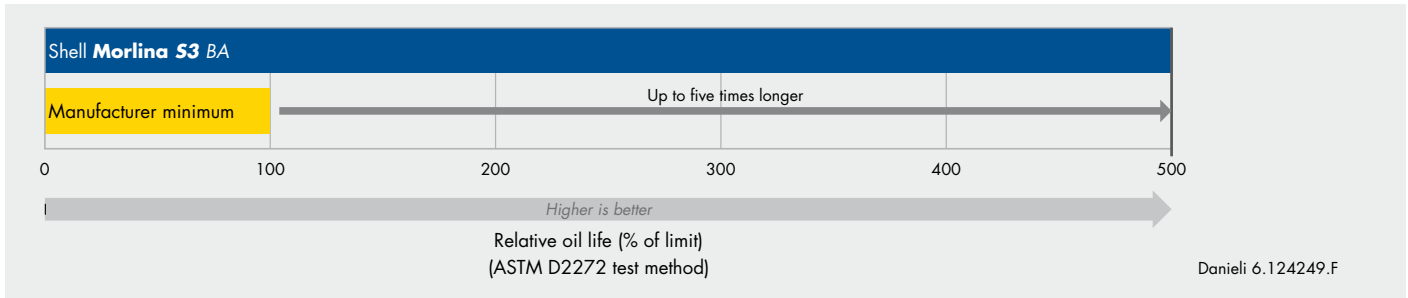
- **prevent corrosion,**
as its exceptional ability to remove water from the system helps to ensure that all parts are coated in oil and protected against corrosion.

DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Morlina S3 BA is designed to help your machinery to operate for longer without interruption – for reduced maintenance requirements and enhanced productivity. Compared with the critical Danieli requirements for super-demulsifiable oils, Shell Morlina S3 BA achieved

■ up to five times longer oil life

for lasting protection, even under severe conditions.

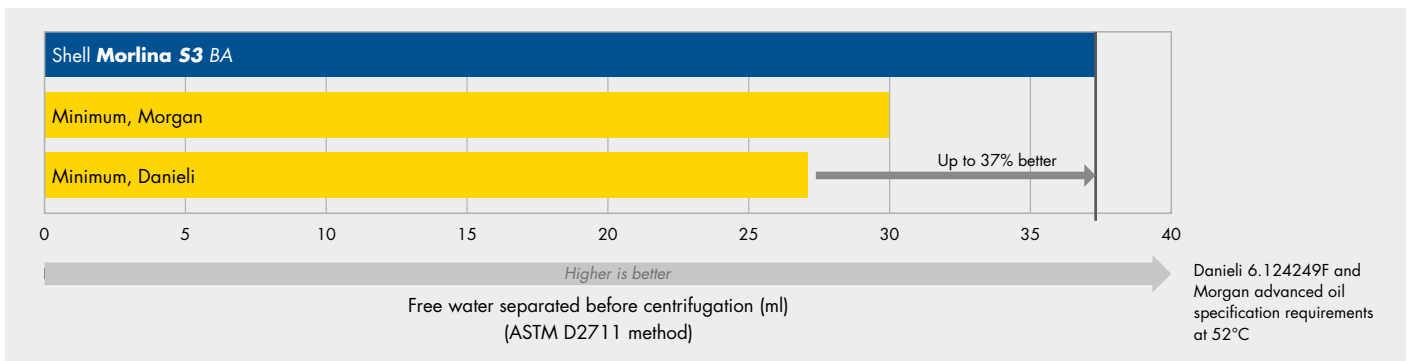


DESIGNED FOR SYSTEM EFFICIENCY

Shell Morlina S3 BA has been designed to provide exceptional water separation characteristics, which makes it highly suitable for hot, wet conditions such as those found in steel production plants. Compared with the industry minimum requirements, it offers

■ up to 37% better free water separation

for efficient lubrication in wet conditions.



SPECIFICATIONS AND APPROVALS

Shell Morlina S3 BA meets the requirements of a wide range of industry bodies and equipment manufacturers. ISO viscosity grades available: 100, 150, 220, 320, 460, 680.

Meets requirements

| | |
|--|---------------------|
| Morgan Morgoil® – New Oil (Rev. 1.1) | SEB 181-225 |
| Morgoil® – Advanced Lubricant New Oil (Rev. 2.4) | AGMA 9005-E02 |
| Danieli Super Demulse 6.124249.F | DIN 51517-2 type CL |
| Danieli Standard Oil 6.124249.F | ISO 150 VG |

APPLICATIONS



Mergoil®-type bearing systems – such as those commonly found in steel mills



Heavily contaminated lubrication systems – such as circulating oil systems where water separation is a key issue



Bearing and circulating oil systems – for use in systems containing plain or rolling element bearings



Industrial gearboxes – for enclosed spur, helical, bevel and worm gearboxes where the use of a non-extreme-pressure (EP), rust- and oxidation-inhibited oil is approved

For more information, please contact

shell.com/lubricants

REAL-WORLD VALUE DELIVERY

Shell Morlina S3 BA is a specialist lubricant that can significantly improve the reliability and life of equipment operating in wet conditions.

It is used extensively in the steel industry to help improve bearing life in challenging environments such as continuous casting operations.

FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, Shell can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

