

# SHELL MORLINA S2 B

INDUSTRIAL BEARING AND CIRCULATING OILS

PREVIOUSLY SHELL MORLINA

DESIGNED TO MEET CHALLENGES

Shell Morlina S2 B oils are high performance oils designed to provide outstanding oxidation and water separation protection for most general industrial bearing and circulating oil system applications and certain other industrial applications which do not require oils with extreme pressure (EP) properties.

## PERFORMANCE FEATURES

### CONSISTENT PERFORMANCE

- Shell Morlina S2 B oils are formulated with a well proven rust and oxidation inhibitor additive package that helps provide consistent performance and protection throughout the maintenance interval.

### RELIABLE WEAR AND CORROSION PROTECTION

SHELL MORLINA S2 B OILS HELP PROLONG THE LIFE OF BEARINGS AND CIRCULATING SYSTEMS THROUGH:

- Excellent water separation characteristics that helps ensure that critical oil films are retained between highly loaded parts.
- Good air release characteristics to minimise cavitation and associated damage to circulating pumps.
- Helps protect against corrosion, oxidation, and emulsion formation, even in the presence of water.

### MAINTAINING SYSTEM EFFICIENCY

- Shell Morlina S2 B oils are blended with high quality, solvent refined base oils that promote good water separation and air release to ensure the efficient lubrication of the machines and systems.

## APPLICATIONS

### MACHINE CIRCULATION SYSTEMS

#### OIL LUBRICATED BEARINGS

- Suitable for most plain and rolling element bearings and general industrial applications.

#### ROLL-NECK BEARINGS

#### ENCLOSED INDUSTRIAL GEAR SYSTEMS

- Low or moderately loaded enclosed gears where EP performance is not required.

## SPECIFICATIONS, APPROVALS AND RECOMMENDATIONS

### MEETS THE REQUIREMENTS OF:

- Morgan Morgoil<sup>®</sup> Lubricant Specification New Oil (Rev. 1.1)
- Danieli Standard Oil 6.124249F
- DIN 51517-1 – type C, 51517-2 – type CL.

### PAINT COMPATIBILITY

- Shell Morlina S2 B oils are compatible with seal materials and paints normally specified for use with mineral oils.

Morgoil<sup>®</sup> is a registered trademark of the Morgan Construction Company.

## TYPICAL PHYSICAL CHARACTERISTICS

CHARACTERISTICS	100	150	220	320
Kinematic Viscosity (ASTM D 445)				
@ 40°C mm <sup>2</sup> /s	100	150	220	320
@ 100°C mm <sup>2</sup> /s	11.2	15	18.3	25
Density @ 15°C kg/m <sup>3</sup> (ISO 12185)	881	887	891	897
Viscosity Index (ISO 2909)	97	95	92	96
Flash Point °C (COC) (ISO 2592)	250	262	280	282
Pour Point °C (ISO 3016)	-18	-15	-15	-12