



EXPERT ENGINEERING SERVICES

FOR ALL YOUR CRITICAL
SEALING & SELF-LUBRICATED
BEARING APPLICATIONS

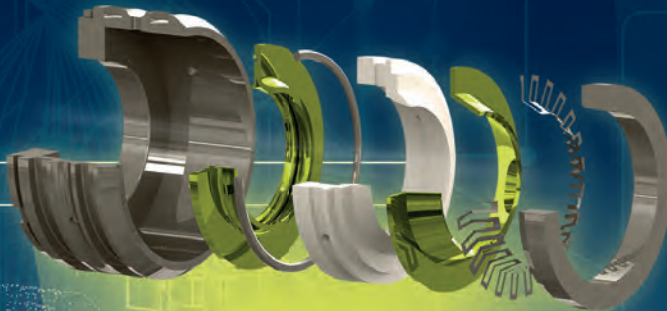
EXPERTISE

INNOVATION

PERFORMANCE OPTIMISATION

SHARED KNOWLEDGE

IN-HOUSE TESTING



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01-X2296M
0001-0-LLV2
6587-4879
1123-9976
112-MDL1

07

SB1546397-1
TS 1247972-2
module_1
Rear_05



01

3-4879L
RMS 421
001-01

REPACK-S

THIS IS THE BEST
FOR ALL THE
REPAIRS YOU
NEED

Repack-S[®]

ALL YOU EXPECT
IN SEALING EXPERTISE

1 EXPERT HELP AT HAND

PROBLEM SOLVING & DETAILED ANALYSIS

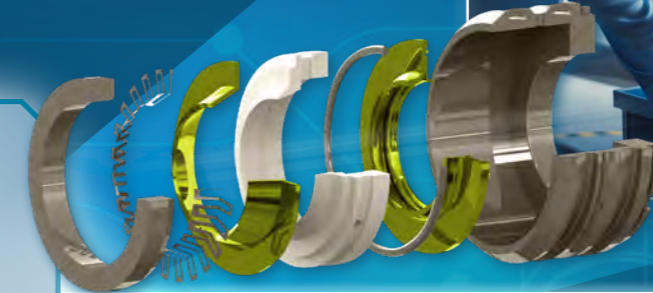
- > Fact finding
- > Data acquisition
- > Failure root cause analysis
- > Detailed (onsite) inspections
- > Complete diagnostic



2 INNOVATIVE CREATIONS

STATE-OF-THE-ART DESIGN & DEVELOPMENT CAPABILITIES

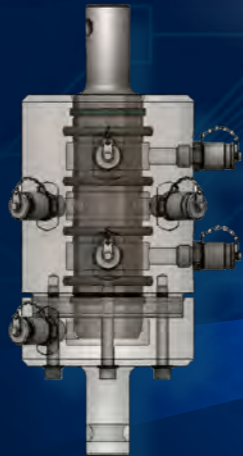
- > Concept brief & set of performance targets
- > Environmental constraints analysis
- > Functional analysis
- > Concept review vs. expectations
- > Stage-gate decision process
- > Full 3-D rendering



5 IN-HOUSE TESTING TO REDUCE RISKS & COSTS

TEST TO MINIMISE COSTS OF REACHING GOALS

- > Sealing effectiveness
- > System reactivity
- > Extrusion resistance
- > Endurance
- > Friction / Power consumption
- > System efficiency



A COMPREHENSIVE RANGE OF EXPERT ENGINEERING SERVICES TO HELP YOU...

- IMPROVE** knowledge & understanding
- ACHIEVE** performance & reliability goals
- ACCELERATE** product development
- REDUCE** uncertainties & risk of failure
- REDUCE** overall costs

3 ACCELERATE DEVELOPMENT CYCLE

PREDICT BEHAVIOUR & OPTIMISE PERFORMANCE

- > During system assembly
- > Determine contact pressures
- > Evaluate stresses & strains in key components
- > Integrate thermal considerations
- > Anticipate impact of system vibrations



4 ENHANCE KNOWLEDGE

MATERIAL & SOLUTION CHARACTERISATION

- > Tensile, compressive & relaxation behaviour from -100°C to +300°C
- > Ageing characteristics
- > Chemical compatibility
- > Tribological properties
- > Impact of hysteresis & shock loading





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IN SEALING EXPERTISE

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Repack-S

Z.I. du Bois Bernoux
71290 Cuisery | France

+33 (0) 385 321 014

+33 (0) 385 325 212

contact@repack-s.com

Paris •

Lyon •

Geneva

