



# Shell Retinax LX 2

High temperature  
wheel bearing grease



THICKENER	NLGI	TEMP RANGE	BASE OIL VISCOSITY		EP	WATER RESISTANCE
		-15°C	40°C	100°C		✓
LITHIUM	2	to	160	15.5	✓	✓ ✓
COMPLEX		+150°C	mm <sup>2</sup> /s	mm <sup>2</sup> /s		

Shell Retinax LX 2 is a very high performance, lead free, lithium complex, extreme pressure grease developed, primarily, for the lubrication of automotive wheel bearings subjected to high temperatures.

## Applications

- **Automotive wheel bearings**  
Particularly effective in automotive wheel bearings subjected to high temperatures and load caused by braking from high speed.

## Performance Features

- **Wide operating temperature range**  
Ball and rolling element bearings operating continuously at temperatures between -15°C and +150°C
- **Increased fretting protection**  
Overcomes problems suffered by bearings in conditions of excessive vibration
- **Excellent mechanical stability**  
Maintains consistency over long periods
- **Good pumpability**  
In grease lubrication systems
- **Lead free**  
Environmentally friendly product
- **Low water wash-out**  
Good water resistant properties
- **Good corrosion protection**  
In all operating conditions

## Performance Specifications

### Shell Retinax LX 2

Approved by: British Timken  
SKF

Leyland Bus: Exceeds Specification GX

## Health & Safety

Shell Retinax LX 2 is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

## Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative. For contact details see page ii in the front of this binder.

## Typical Physical Characteristics

Shell Retinax	LX 2
NLGI Consistency	2
Colour	Light Brown
Soap Type	Lithium Complex
Base Oil (type)	Mineral
Kinematic Viscosity @ 40°C mm <sup>2</sup> /s 100°C mm <sup>2</sup> /s (IP 71)	160 15.5
Dropping Point °C (IP 132)	250
Cone Penetration Unworked @ 25°C 0.1mm (IP 50/ASTM-D217)	270

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