



SHELL RETINAX GREASES LX

HIGH TEMPERATURE WHEEL BEARING GREASES

THICKENER	NLGI	TEMP RANGE	BASE OIL VISCOSITY	EP	WATER RESISTANCE
LITHIUM COMPLEX	2 & 3	-20°C to +150°C	40°C 100°C 160 15.5 cSt cSt	✓	☆☆

DESCRIPTION

Shell Retinax Greases LX are very high performance and high temperature greases for a wide range of automotive applications. They are lead free, lithium complex, extreme pressure greases developed primarily for the lubrication of automotive wheel bearings subjected to high temperatures.

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 wheel bearings in conditions of excessive vibration
- **Excellent mechanical stability**
Maintains consistency over long periods
- **Good pumpability (LX2)**
In grease lubrication systems
- **Lead free**
No health and safety issues
- **Low water wash-out.**
Good water resistant properties
- **Good corrosion protection**
In all operating conditions

APPLICATIONS

- **Automotive wheel bearings**
Particularly effective in automotive wheel bearings subjected to high temperatures and load caused by repeated or high speed braking especially on disc brakes.
- **General Automotive application**
Suitable as a multi functional lubricant for cars, trucks, buses etc. such as in wheel units, chassis lubrication and water pumps.
- **Shell Retinax Grease LX3 - The problem solver**
Especially suited to difficult Commercial Road Transport applications eg. larger or more



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highly loaded bearing units prone to leakage.

HEALTH & SAFETY

Shell Retinax Greases LX are 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.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

SPECIFICATIONS/APPROVALS

BRITISH TIMKEN	APPROVED
SKF	APPROVED
LEYLAND BUS	EXCEEDS GX SPECIFICATION

TYPICAL CHARACTERISTICS

DESCRIPTION	UNITS	METHODS	TYPICAL
RETINAX LX2	-	-	-
APPEARANCE	-	VISUAL	RED
NLGI CONSISTENCY	-	-	2
SOAP TYPE	-	-	LITHIUM COMPLEX
BASE OIL TYPE	-	-	MINERAL
VISCOSITY @ 40°C	cSt	ASTM D445	160
VISCOSITY @ 100°C	cSt	ASTM D445	15.5
DROPPING POINT	°C	IP 132	260
RETINAX LX3	-	-	-
APPEARANCE	-	VISUAL	RED
NLGI CONSISTENCY	-	-	3
SOAP TYPE	-	-	LITHIUM COMPLEX
BASE OIL TYPE	-	-	MINERAL
VISCOSITY @ 40°C	cSt	ASTM D445	160
VISCOSITY @ 100°C	cSt	ASTM D445	15.5
DROPPING POINT	°C	IP 132	260

Document Information

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