

Lubricants

Recommended lubricants conform to the following specifications :

1. SAE 15W40 to API CH4	- Engine oil (CR-4 / 4SPTC)
2. 75W90 Synthetic GL-4	- Gearbox oils (BS-IV)
80W90 with 7% Anglomol	- Gearbox oils (BS-III)
3. SAE 85W140 API GL-S	- Rear axle and mechanical steering gear box oils
4. ATF DEXTRON -IID	- Power Steering Oil

Please use only recommended brands for good performance.

The oil change periods recommended in maintenance schedule should be adhered to.

Use of reclaimed oil is not recommended.

Engine oil

Recommended grades of engine oil conforming to SAE API CH4 (**For CR-4**) / SAE API CF4 (**For 4SPTC**) specifications and range of ambient temperature at which these can be used are given below :

Ambient temperature °C	Engine oil grade
-10 and above	SAE 15W/40
-20 TO above	SAE 10W/30 or SAE 5W/20

Hub bearing grease (Tata Motors axles & front hub).

Use Lithium base multipurpose grease.

Quantity 25 gms per hub. (Rear)

Brake and clutch fluid

Brake fluid conforming to IS : 8654/DOT 3 is recommended.

Spicer propeller shaft (where applicable)

Lubricate slip joint with Multipurpose grease - 2 grade grease.

Lubrication of steering spindle ball joint

Lubricate steering spindle ball joint with Moly Kote - BR 2 grease at every 10,000 km of operation.

Sliding spindle on steering column not be pulled beyond the stopper as it may damage the splines.

Coolants

Presence of dirt in coolant chokes up passages in radiator, cylinder head and crankcase, thereby causing overheating of engine.

To prevent rust formation and freezing of coolant inside the passages of radiator, crankcase and cylinder head use only branded premixed coolant.

Coolant should be drained and fresh premixed coolant filled every two years or 50,000 km., whichever is earlier.