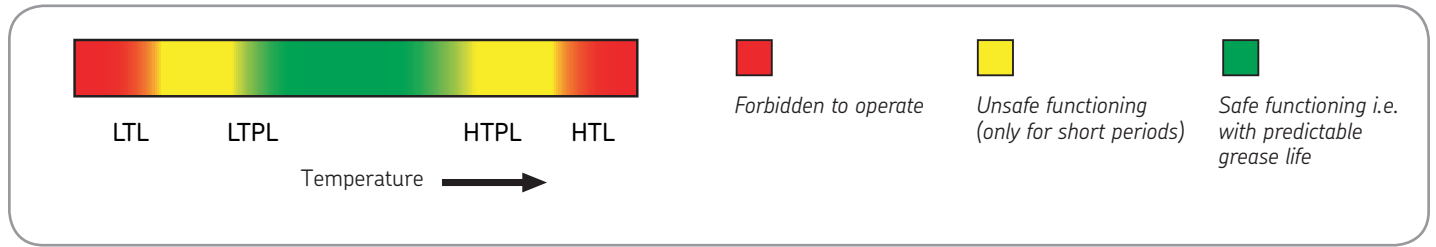


Operating temperature range of greases: The SKF Traffic Light Concept



LTL – Low-temperature limit:

The lowest temperature at which the grease will allow the bearing to be started up without difficulty.

LTPL – Low-temperature performance limit:

Below this limit, the supply of grease to the contact surfaces of rolling elements and raceways may become insufficient. Values are different for roller and ball bearings.

HTPL – High-temperature performance limit:

Above this limit the grease will oxidise in an uncontrolled way, so that grease life cannot be determined accurately.

HTL – High-temperature limit:

When exceeding this limit, the grease loses its structure permanently (e.g., the dropping point for soap-base greases).

