



NIGHTIGHT LE

NIGHTIGHT LE is non-lead EP lithium grease, consisting of highly refined base oil as base stock, thickened with lithium soap and effectively formulated of oxidation inhibitor, non-lead extreme pressure additive, rust preventive.

NIGHTIGHT LE is suitable for lubrications of chassis of various automobiles from mini-size cars to extra large trucks, various construction machines, bearings, gears and pins, bearings for rolling stocks, and rolling/sliding bearings of various industrial machineries.

◇ **SPECIAL FEATURES**

1. Has good mechanical stability and heat resistance.
2. Has strong water resistance.
3. Has good extreme pressure resistance.

◇ **APPLICATIONS** : Lubrication for ;

1. Chassis of automobiles.
2. Bearings, gears, and pins of construction machineries.
3. Rolling or sliding bearings of general industrial machineries.

◇ **TYPICAL PROPERTIES**

| TEST ITEMS | LE - 0 | LE - 1 | LE - 2 | TEST METHOD |
|--------------------------------------|-------------------|--------|--------|----------------|
| Appearance | Claybank-Butyroid | | | Visual |
| Penetration, Worked 25 °C | 365 | 320 | 275 | JIS K2220 5.3 |
| Dropping Point | 185 | 190 | 192 | JIS K2220 5.4 |
| Copper Corrosion B method 100°C 24 h | Pass | | | JIS K2220 5.5 |
| Evaporation 99 °C 22h mass % | 0.6 | 0.6 | 0.36 | JIS K2220 5.6 |
| Oil Separation 100°C 24h mass % | - | 5.6 | 0.6 | JIS K2220 5.7 |
| Oxidant Stability 99 °C 100h MPa | 0.029 | 0.034 | 0.024 | JIS K2220 5.8 |
| Worked Stability (10 ⁵) | 410 | 330 | 320 | JIS K2220 5.11 |
| Water Washout Test 38°C 1 h mass % | - | 3.0 | 41.8 | JIS K2220 5.12 |
| Timken OK Load kg | 20.4 | 20.4 | 20.4 | JIS K2220 5.16 |