

# BANGCHAK COMPLEX EP

Premium Multipurpose Grease



**BANGCHAK COMPLEX EP** is premium, high melting point, lithium complex greases. They are high temperature greases and have been designed to meet the demands of the most hostile grease applications and conditions. The formulation features include components that provide extreme pressure (EP) and anti-wear (AW) protection, tackiness and adhesiveness agents that allow the grease to stay-put under high water pressure conditions. The benefits of BANGCHAK COMPLEX EP include the following properties.

- Excellent mechanical stability.
- Superior protection against rust and corrosion.
- Reduced wear under high or shock loads.
- Excellent resistance to water spray & washout.
- High temperature capability.
- Lead, Chlorine and Nitrite free.

## APPLICATION

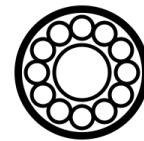
BANGCHAK COMPLEX EP is recommended for use in most types of automotive and industrial applications including heavy duty service where high temperatures, high loads and water spray or ingress are encountered. They are suitable for rolling element bearings, plain bearing, chassis parts, gears and couplings. They are also suitable where water is present such as steel mills, underground tunnelling or mining and ore crushing plants. The recommended operating temperature range is from -10 °C to 165 °C for a long period and 185°C for a short period. BANGCHAK COMPLEX EP greases can endure higher temperatures for short periods or if the lubrication frequency is increased. BANGCHAK COMPLEX EP 2 is the normal recommendation where ambient temperatures and normal pumpability condition exist. BANGCHAK COMPLEX EP 3 is recommended where ambient or operating temperatures are higher than normal or where leakage is a concern.

## TYPICAL INSPECTION

PROPERTIES	METHOD	COMPLEX EP 2	COMPLEX EP 3
NLGI Number		2	3
Thickener Type		Lithium complex	Lithium complex
Texture	Visual	Smooth	Smooth
Color	To meet Standard	Yellow	Yellow
Kinematics Viscosity @ 100 °C, cSt	ASTM D445	16-18	16-18
Dropping Point , °C	ASTM D2265	260 Min	260 Min
Penetration Worked @ 25 °C	ASTM D217	265-295	220-250
4-Ball EP Test Weld Load ,Kg	ASTM D2596	250-315	250-315
Timken OK Load, lbs	ASTM D2509	45 Min	45 Min

Packaging : 15 kilograms , 180 kilograms

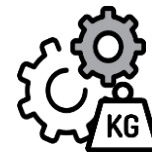
## FEATURE & BENEFITS



Excellent Lubrication



Heat Durable



Extreme Pressure