

ALCOM-2 150, 220, 460 HD (Heavy Duty Aluminium Complex Grease)

DESCRIPTION:

ALCOM-2 Grease is a premium grade Aluminum complex thickener based grease manufactured using high quality petroleum base stocks. It contains a synergistic blend of high performance special additives. Apart from high drop point and excellent water resistance, the Aluminium complex thickener system attributes unique reversibility characteristics to the grease, which other soap and non-soap based greases cannot offer. **ALCOM-2** industrial grease protects against oxidation, rust and corrosion, and its exceptional wear reduction has led LE customers worldwide to redefine “normal” or “expected” equipment life. With longer bearing life, fewer repairs, less downtime and lower lubricant consumption, switching to **ALCOM-2** has helped many companies lower their maintenance costs.

APPLICATIONS

ALCOM-2 greases are recommended for many applications where the grease needs max. water resistance properties under varying temperature circumstances in loaded gears & bearings, seamers, filling machines, Breweries, Pharmaceutical manufacturing machinery, Cold Storage Units, Bearings, Chains, Slideway, Taps, Gearboxes, Joints Springs, Cams Rollers, Conveyors, Centralized lubrication systems.

FEATURES /BENEFITS (Beneficial Qualities)

- Aluminium Complex thickener system provides the grease a very high drop point, hence a high operating temperature. Good rust and corrosion protection and oxidation stability.
- ALCOM-2** grease regains its original structure when the operating temperature goes up and subsequently comes down, retains soft body and plasticity much longer than ordinary greases.
- Good water and heat resistance and are not affected by mild acids / alkalis.
- Thermally stable, can withstand high shock loads, and minimizing metal to metal contact.
- Reduces friction, high protection against heat, seizure and wear, avoiding expensive repairs.
- Requires less lubricant consumption, Immediate monetary savings
- Provides extended service and bearings life and gives longer relubrication intervals.

PROPERTIES

SPECIFICATIONS	ALCOM-2
NLGI Grade available	1, 1.5, 2
Colour & Appearance	Dark brown, Smooth & buttery
Thickener Soap	Aluminum-Complex
Base oil viscosity availability @ 40°C, Cst	150, 220, 460 (Synergistic)
Drop Point	+260
Work Penetration	265-295
Penetration change after 100000 strokes,	20-25 max
Copper Strip corrosion@ 100° C, 24 hrs,	Negative
Roll stability test penetration, after 16 hrs, %,	25 max
Rust prevention	pass
Oxidation drop in psi @ 100 hrs	0.4 - 0.5
Wheel Bearing Leakage gram loss,	3 - 5 max
Heat Stability @ 100°C, 30 hrs, % loss	4-5
Water wash out @ 80°C, % loss,	1.5 to 3.0 max
Timken OK Load lbs	45
4-Ball Weld Load in kgs	+315 to 500
4-Ball Weld wear scar test	0.5

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