



EP-2 Grease

Technical Data Sheet



PACKAGING:

500g,1Kg,5Kg,10Kg,15Kg,25Kg,60Kg,200Kg

DESCRIPTION:

Volkio EP 2 is recommended for most types of industrial applications including heavy-duty applications where high unit pressures or shock loads are present. The grease provide good protection against rust and corrosion and resist water wash-out. Volkio grease EP 2 is also suitable for commercial vehicle and construction equipment applications such as chassis joints and pin bushing lubrication. The recommended operating temperature range is from -180°C to 210°C but Volkio grease EP 2 may be used at higher temperatures if the lubrication frequency is increased accordingly.

BENEFITS:

Automotive Applications:

Wheel Bearings: Provides long-lasting lubrication for high-speed and high-load wheel bearings.

Chassis Components: Lubricates suspension systems, ball joints, and universal joints.

CV Joints: Reduces friction and wear in constant velocity joints under extreme conditions.

Industrial Applications:

Heavy-Duty Machinery: Lubricates gears, bearings, and other components subjected to high loads in industrial machines.

Conveyors and Rollers: Ensures smooth operation of conveyor belts and rollers in manufacturing and material-handling systems.

Electric Motors: Provides reliable lubrication for motor bearings, reducing wear and improving efficiency.

Mining Equipment: Offers protection against heavy loads, high temperatures, and abrasive environments.

Agricultural Equipment:

Tractors and Harvesters: Lubricates bearings, joints, and moving parts in agricultural machinery, extending equipment life.

Farm Implements: Protects plows, seeders, and other implements from wear and corrosion.

SPECIFICATIONS:

Color - Dark Gold

Appearance - Smooth & Buttery Grease

NLGI classification - 2

Thickener - Lithium soap

Dropping point (IP132) °C - 197

Operating temperature range - 20°C to 180°C

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
NLGI Grade	-	EP-2
Soap	-	Lithium
Appearance	Visual	Smooth & Buttery
Color	Visual	Dark Gold
Penetration, worked@25, 0.1mm	ASTM D217	280
Dropping Point	D 2265°C	210
4-Ball wear Load	ASTM D 2266, Scar , mm	0.4

APPLICATION:

Suitable for use in centralised lubrication systems.General machinery lubrication.

Bearings subject to heavy and shock loading.

Slow oscillating bearings under extreme pressure.