



# Dispersions

Molykote® dispersions are finely dispersed solids or other lubricants suspended in lubricating fluids. They are preferred where it is necessary to apply solid lubricants in liquid form to units in operation or to otherwise inaccessible points. Some dispersions serve as anti-wear and extreme pressure additives for lubricating oils like gear and engine oils.

## Molykote® A

- | **Description** – Solid-lubricant dispersion in mineral oil for metal/metal combinations involving medium to high loads and speeds.
- | **Applications** – Suitable for oil-lubricated frictional surfaces which require additional lubrication to reduce wear and extend service life; Successfully used as an additive to oil, on highly stressed plain and roller bearings, guides, spindles, gears and internal combustion engines.
- | **Features** – Increases load-carrying capacity; Reduces friction and wear; Reduces running noise; Improves running-in; Emergency running properties; Prevents and reduces pitting in gears.
- | **Composition** – Mineral oil; Molybdenum disulphide; Stabilizers.
- | **Temperature Range** – Depends on the oil to which Molykote® A is added
- | **Packages** – Aerosol: 150ml, Bottle: 125ml; Cans: 1l, 5l, 25l

## Molykote® HTF

- | **Description** – White dispersion of solid lubricants in mineral oil.
- | **Applications** – Separation and lubrication at high temperatures; Used successfully for the hot-rolling of tools and the drop-forging of taper plugs made from Ms 58.
- | **Features** – High load-carrying properties; Formation of a separating lubricant layer between tool and machine; Wide temperature range; The mineral oil content volatilizes at high temperatures without leaving any residue; Extends the service life of tools.
- | **Composition** – Mineral oil; Solid lubricant; Stabilizer; Thickener
- | **Temperature Range** – From -20 to +1150°C
- | **Packages** – Pail: 5kg

## Molykote® M-30

- | **Description** – Black dispersion of solid lubricants in synthetic oil.
- | **Applications** – Used successfully on high temperature chains and rollers of conveyor belts.
- | **Features** – Increases load-carrying capacity; Reduces friction and wear; Improves running-in; Emergency running properties; No resinification.
- | **Composition** – Synthetic oil; Molybdenum disulphide; Dispersant.
- | **Temperature Range** – Fluid lubrication up to +200°C; dry lubrication up to +450°C
- | **Packages** – Can: 1kg; Pails: 5kg, 20kg; Drum: 180kg

## Molykote® M-55 Plus

- | **Description** – Black dispersion of solid lubricants in mineral oil.
- | **Applications** – Used successfully as an additive for mineral oils.
- | **Features** – Increases load-carrying capacity; Reduces friction and wear; Reduces running noise; Improves running-in; Emergency running properties; Prevents and reduces pitting in gears.
- | **Composition** – Mineral oil; Molybdenum disulphide; Dispersant.
- | **Temperature Range** – Depends on the oil to which Molykote® M-55 Plus is added
- | **Packages** – Can: 1l; Pails: 5l, 20l

## Molykote® MKL-N

- | **Description** – Mineral oil with solid lubricants dispersed in solvent.
- | **Applications** – Used for lubrication of chains.
- | **Features** – Penetration; Adhesion; Protection against wear; Corrosion protection; Ageing stability.
- | **Composition** – Mineral oil; Inhibitors; Adhesion improver; Solid lubricants; Solvents.
- | **Temperature Range** – From -25 to +160°C
- | **Packages** – Aerosol: 400ml; Can: 1kg; Pail: 5kg

## Molykote® Multigliss

- | **Description** – Dispersion with penetrating properties.
- | **Applications** – Difficult dismantling owing to corrosion and rust.
- | **Features** – Penetration; Rust-loosening properties; Lubrication.
- | **Composition** – Mineral oil; Solid lubricants; Stabilizers; Solvent; Corrosion inhibitor.
- | **Temperature Range** – From -50 to +50°C
- | **Packages** – Aerosol: 400ml; Can: 500ml; Pail: 5l; Drum 200l

## Molykote® Omnigliss

- | **Description** – Quick-action penetrating agent incorporating corrosion protection, water-repellent and lubricating properties.
- | **Applications** – Suitable for frictional contacts, running at low to medium speeds, which are not equipped with grease nipples or oiling holes; Used on joints, levers, chains and other components of transport and conveyor equipment, textile machinery, automatic filling units and all types of packaging equipment.
- | **Features** – Good penetration; Water-repellent; High pressure resistance; Temporary corrosion protection.
- | **Composition** – Mineral oil; Solid lubricants; Corrosion inhibitors; Stabilizer.
- | **Temperature Range** – From -30 to +80°C
- | **Packages** – Aerosol: 400ml; Pail: 5l

## Molykote® W15

- | **Description** – White dispersion of solid lubricants in mineral oil.
- | **Applications** – Used as an additive for mineral oils.
- | **Features** – Increases load-carrying capacity; White in color; consequently particularly suitable in situations sensitive to soiling.