



**harchem**<sup>TM</sup>

Oils · Greases · Salts



Harchem is promoted and led by directors with 25 years of experience along with qualified team. Our range of industrial products has been specifically formulated to meet the tough demands of modern manufacturing facility, reducing wear and increasing operating efficiency within critical machinery.

Harchem's commitment to quality assurance is reflected in its accreditation to the ISO 9001:2015 and well-equipped laboratory along with R&D team.

## PRODUCT CATALOG



*Oils*



*Greases*



*Salts*

### **HARLUBE AW & HLP Series** (VG 15/22/32/46/68/100/150/220/320)

High quality mineral base oil designed for use in all hydraulic systems where anti-wear and anti-aging hydraulic oil is recommended. HLP Series are rust and oxidation inhibited and contains an effective anti-wear and anti-foam additives to release entrained air rapidly.

#### **Benefits**

- Increases reliability and longevity of hydraulic systems
- Reduction in the abrasion & wear
- Minimises sludge and varnish formation

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Water white and Synthetic Hydraulic Oils are also available



## Gear Oil

### **HARLUBE GR Series** (VG 68/100/150/220/320/460)

High quality mineral base oil designed for use in multi-functional gear transmission system where anti-wear and anti-corrosion gear oil is recommended. All grades are rust and oxidation inhibited and contains an effective anti-wear and anti-foam additives.

#### **Benefits**

- Increases reliability and longevity of Gear systems
- Reduction in noise of the Gear box system
- Reduction in Wear and Tear

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Synthetic Gear Oils are also available



## Way Lube Oil (Slideway Oil)

### **HARLUBE WL Series** (VG 32/46/68/100/150/220)

Harlube WL Series has been formulated from highly refined paraffinic mineral base oil and high-performance additives to meet the requirements of the Slideway Oils. They are also fortified with high pressure and rust preventive properties.

#### **Benefits**

- Protects lubricated parts from rust and corrosion
- Ensures excellent surface adhesion and withstands high pressure
- Reduction in Wear and Tear

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr



### **HARLUBE CO Series** (VG 32/46/68/100/150/220/320)

High quality mineral base oil designed for use in all high-performance rotary air compressors/Screw Compressors where anti-wear and anti-aging oil is recommended. All grades are rust and oxidation inhibited and contains an effective anti-wear and anti-foam additives.

#### **Benefits**

- Increases reliability and longevity of Compressor systems
- Reduction in the abrasion & wear
- Thermal and Oxidative stability helps in maintaining clean compressor

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Synthetic Compressor Oils are also available



## Vacuum Pump Oil



### **HARLUBE VPO Series** (VG 68/100/150)

Harlube VPO is premium grade, high viscosity index, and high quality mineral base oil designed for the lubrication of Vacuum Pump cylinders. This provides the low vapour pressure and high performance, desired for the effective lubrication of rotary vacuum pump.

#### **Benefits**

- Increases reliability and longevity of Compressor systems
- Reduction in the abrasion & wear
- Thermal and Oxidative stability helps in maintaining clean compressor

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Synthetic Vacuum Pump Oils are also available

## Textile Machinery Oils

### **HARLUBE SP Series** (VG 10/12/15/22)

Spindle Oils are formulated from high quality mineral base oil designed for use in high performance where anti-rust, anti-corrosion and anti-foaming characteristics are required. These oils having good film strength, oxidation stability and excellent ability to separate from water due to demulsibility.

#### **Benefits**

- Maintain film over entire critical lubrication surface
- Reduction in the abrasion & wear
- Thermal and Oxidative stability

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Harlube LO Series of Loom Oils are also available



### **HARCUT Series of Cutting Coolants**

*Cutting coolants are formulated from high quality base oils and high-performance additives resulting in the reduction of abrasion and wear of tools during the process and high quality surface finishing.*

*Neat Cutting Oils are suitable for general and arduous machining operations including hobbing, grinding, drilling, tapping, broaching, deep hole drilling, cold heading and thread oil applications.*

*Soluble Cutting Oils are suitable for all types of general machining of ferrous and non-ferrous metals where cooling and oiliness is more important.*

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

*Harcut HW for Hard water and range of Semi-Synthetic cutting oil for ferrous, non-ferrous and aluminum metal working are also available*



## Quenching Oil

### **HARQUENCH Series of Quenchants**

*Depending on application needs formulated with special additives that impart good speed of quenching and long life in the sump. Performance of oil is consistent for a longer period and provides uniform hardening.*

*Medium Speed Quenching Oil are recommended for general purpose application. It is suitable for hardening of low and high steel grades.*

*Medium Fast Speed Quenching Oil are recommended for enhanced quenching performance. It is suitable for hardening of plain carbon and alloyed steel.*

*Hot Quenching Oils include marquenching and martempering oils mainly used for excellent ageing stability, better hardening efficiency, distortion control and long service life for small and large size components.*

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr



## Rust Preventive

### **HARUST DW Series**

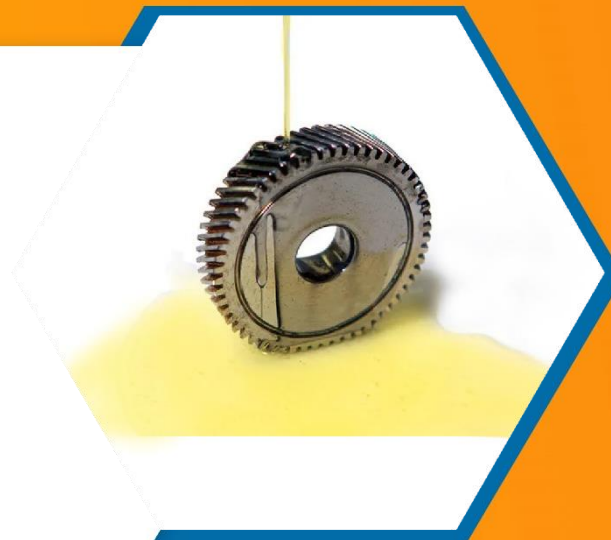
*HARUST DW Series is a range of dewatering rust preventives having superior ease of application and removal of semi-permanent protection of ferrous metals during storage and transport. These fluids can be applied by either dipping or by spraying, where they displace water on water wet metal surfaces, leaving a protection film.*

#### **Benefits**

- Effectively prevents rusting and corrosion
- It can be easily removed by using kerosene or any other petroleum solvent
- It has high surface coverage and hence helps in lowering the cost

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

*Oil based rust preventives are also available*



### HARTHERM 600

Mineral oil-based heat transfer fluid with excellent ageing and oxidation stability to cover a broad range of heat transfer applications. Formulated with base stocks and anti-oxidants additives to achieve maximum life with minimum residues.

#### Benefits

- Low volatility characteristics results in low top-up requirement
- High thermal and oxidative stability leading to better life
- Minimum viscosity change over a broad temperature range

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

Synthetic Thermic Fluids are also available



### Engine Oil



### HARLUBE 20W40

Harlube 20W40 is high performance Multigrade Engine Oils formulated from high quality mineral base oils and additives to suit Diesel and Petrol engines.

#### Benefits

- Suitable viscosity for wide range of temperature and engines.
- Maintains clean engine and minimizes the maintenance cost.
- Anti-corrosive, Antiwear, Antirust and Antioxidant properties.

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr

## General Purpose Lubrication Oil

### HARLUBE GPL (VG 15/22/32/46/68/100/150/220/320)

HARLUBE GPL Series is the range of general purpose lubrication oil specially formulated oil blends designed for use as general purpose machinery oils. It is recommended for the lubrication of machine tools, textile machinery and lightly loaded moving components of industrial machines.

#### Benefits

- Provides effective lubrication under light and medium load
- Economical as compared to other products used
- Protects against rust and corrosion even during machine idle periods

**Packing Size** - 26 Ltr | 55 Ltr | 210 Ltr



## Lithium AP3

### Description

Harchem Lithium AP3 Grease is multi purpose lithium soap base grease having excellent shear stability, high load carrying properties. Recommended for anti-friction and plain bearing of general machinery & farm equipments.

### Benefits

- High Drop Point (Min. 180°C)
- Excellent thermal and structural stability
- Good surface adhesion
- Gives excellent protection against rust, corrosion and water wash out

**Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg**



## Lithium EP2

### Description

Harchem Lithium EP-2 Grease is lithium soap base grease with EP additives having excellent water resistance properties, high oxidation & structural stability with anti-rust and anti-corrosion properties for lubrication of automotive and industrial equipments. Recommended for heavy duty plain & rolling element bearings in wide variety of applications such as steel plants, paper mills, heavy engineering, textile mills, mining, construction and general industrial machinery.

### Benefits

- Can be applied over wide range of temperature
- Mechanically very stable and easily pumpable using grease gun due to its smooth structure

**Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg**



## Chassis Grease

### Description

Harchem Chassis Grease is calcium soap grease designed for general chassis lubrication. Also recommended for the lubrication of track rollers and idlers of certain crawler type tractors.

### Benefits

- Excellent water resistance
- Lasting qualities in spring shackles and steering connections
- Acts as protective layer on exposed parts
- Clings to bearing surfaces

**Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg**



### Description

Harchem Wheel Bearing Grease is a sodium soap grease, recommended for lubrication of universal joints, wheel bearings, high temperature clutch release, generator and fan bearings and not exposed to moisture.

### Benefits

- High Drop Point (Min 180°C)
- Trouble free long service
- Good structural stability under high temperature or centrifugal force

Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg



## High Temperature Grease

### Description

Harchem High Temperature (HT) Grease is multipurpose Non-soap base grease having smooth structure with excellent ability to withstand extremely high temperatures and severe shock load conditions. It has excellent resistance to water washout and do not get affected by mild acids and alkalis. It is recommended for the lubrication of machine elements, plain bearings and anti-friction bearings operating at high temperatures between (120°C to 280°C).

### Benefits

- High temperature protection
- Water resistant
- Oxidation inhibited for long service
- Adhesive to metal surfaces

Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg



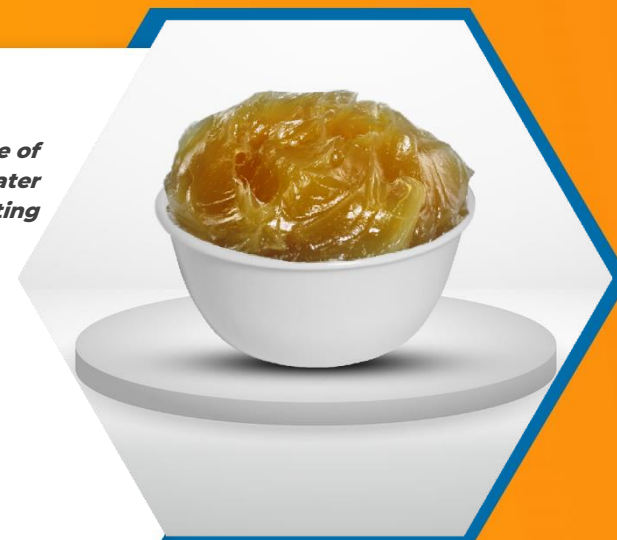
### Description

Harchem Long Life GP-3 Grease is calcium soap base, water resistant grease of medium consistency, recommended for use in majority of wheel bearings, water pumps, earth moving machines, agriculture and industrial equipment operating at moderate temperatures.

### Benefits

- Excellent water resistance
- Lasting qualities in spring shackles and steering connections
- Acts as protective layer on exposed parts
- Clings to bearing surfaces

Packing Size - 1Kg | 5Kg | 10Kg | 18Kg | 180Kg



## Long Life GP



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