



PRM LUBES



PRM Group established in 1970 with a Mission is poised to revolutionized with innovative automotive components technology and its manufacturing, perfectly suiting to all Customers requirements & expectations. Our highly dedicated and dynamic team comprises acclaimed and extensively experienced industry experts with global auto components industry. These high quality of products are manufactured in our state-of-the-art plant M/s PRM Automotives India Pvt Ltd situated in Sriperumendur, Chennai

PRM Horns, Filters, Blinkers, Control Cables and Lubricants

As an emerging Auto parts manufacturer, we manufacture Automobile Horns, Filters, Blinkers, Lubricants and Control Cables for vehicles. With our commitment to attain excellence in our customer support, we ensure that all our products are made with highest value proposition to our customers.

All model vehicles Two wheeler, Three Wheelers, Four Wheelers, Tractors.

INDUSTRIAL OILS



PRM Antiwear Hydraulic Oil Extra Heavy duty type

Hydro Torque HLP 32

Hydro Torque HLP 46

Hydro Torque HLP 68

Hydro Torque HLP 100

These heavy duty types of antiwear hydraulic oils are especially required for use in oil operated fluid power system that are subjected to shock loads, variable speed for continuous operating condition of high severity. These oils are also used for moderately loaded industrial gears, bearings and hydraulic devices with hydro mechanical actuator.

The product performance meets IS : 11656 -1986 specification.



Spindle Oil

PRM 5 PRM 10 PRM 12

PRM 22

These oils are premium quality high performance products primarily designed for the lubrication of high speed spindles in machine tools which is formulated from selected high - quality, low viscosity base oils and additives that impart good resistance to oxidation and protection from rust and corrosion. They possess very good resistance to foaming and separate readily from water.

The product performance meets IS : 493 (Part II) - 1981 Specification



PRM Industrial Gear Oil

Torque Gear EP - 90

Torque Gear EP - 140

Torque 85W-140

These oils are recommended for systems where the operations is under extremely severe and hostile environment such as Gear drives operating at speeds over 3600 RPM and or pitch - line velocities exceeding 1500 M/min. The product performance meets IS : 8406 - 1993 Specification. Industrial Gear oils of Rust and Oxidation inhibited(R&O) - equivalent performance standards are also available. It can be made upon request.



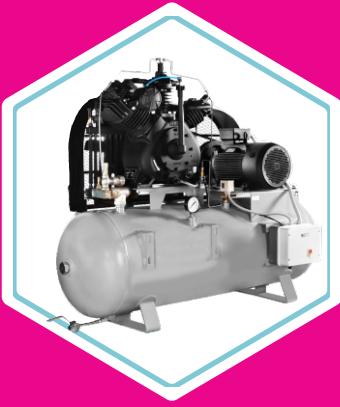
PRM General Purpose Machinery Oil

Gear Lube - 220

Recommended for general lubrication of industrial equipment bearings, line shafts & for use in the lubrication systems of machine tools, textile machines and other machine parts, which are lubricated by a thin film of oil, Heavier grades of these oil are also used in the lubrication of small open gears, under light duty conditions.

The product performance meets IS : 493(Part I) - 1981 Specification

INDUSTRIAL OILS

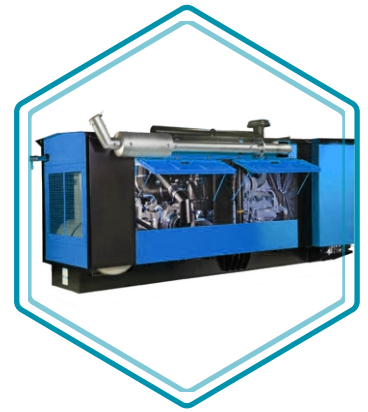


Refrigeration Compressor oil

PRM Ref Compressor oil - 220

These oils are recommended for a wide range of refrigeration compressors using all conventional refrigerants (CFCs) except sulphur dioxide and are suitable for both reciprocation as well as rotary compressors.

The product performance meets IS : 4578 - 1989 Specification.



Compressor oil

PRM Compressor oil - 220

These oils promote system efficiency by suppressing foaming, releasing trapped air and rapidly separating out condensed water. They also help reduce wear, so that the compressors can continue working as their designers intended.

INDUSTRIAL OILS



Machine Toolway oil

PRM - 32 PRM - 46 PRM - 68

These oils are recommended for lubrication of slides and tables of machine tools for both horizontal and vertical guide ways. It exhibits very good oxidation stability and contains anti-wear, non-drip and oiliness additives.

INDUSTRIAL SPECIALITY OILS



Heat Transfer fluids

PRM Heat 100 PRM Heat 500

These oils are premium quality medium viscosity oil having exceptional properties for a long and trouble-free life in the system. It possesses high oxidation and thermal stability.

The product performance meets ASTM D8039-16 specification.

INDUSTRIAL SPECIALITY OILS



QUENCHING OIL

PRM Quenching Oil

These oils are used for all normal quenching operations on a wide variety of steel impart the desired hardness to components without distortion. The special compounding agent incorporated in oil improves the wetting ability of the oil, so that it provides faster initial cooling for optimum hardness, where as the base oil ensures slow cooling in the final stage for stress relief and distortion free results.

The product performance meets IS 2664 - 1980 specification.



Rust Removers

PRM Rust Oil

It is Chemical solution that can be applied directly to an iron or iron alloy surface to convert iron oxides (rust) into a protective chemical barrier.



PRM Marine Lubricants

With our comprehensive range of lubricants, PRM has established a reputation in the innovation of wide marine lubricant grades such as PRM marine engine oils, PRM Marine HVI Hydraulic oils, PRM Marine Turbine oils, PRM marine Gear and Transmission oils, Refrigeration & Compressor oils, Greases etc.,

INDUSTRIAL GREASE



PRM EP - Grease

EP3, EP2, EP1, EP0, EP00, EP000 Grease

EP greases are premium quality lithium soap base products containing an extreme pressure additive. These grades are specially formulated to meet the demand of EP grease for boundary lubrication conditions so as to prevent excessive wear, localized welding or seizure often associated with such severe operating conditions.

The product performance meets IS : 7623 - 1993 (EP Type) Specification.



PRM High Temperature Grease

It is smooth, homogenous high temperature grease, brown in colour. It is suitable for lubrication over a wide range of temperature and has excellent pump ability characteristics, making it especially suitable for centralized lubrication systems of large industrial units. It is recommended for wide range of industrial applications where high temperatures are encountered.

Metal Working Oil

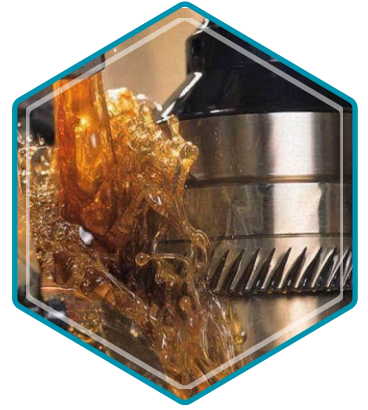


Soluble Cutting oil

PRM Torque 40 PRM Torque 60

These oils are metalworking fluid concentrate which when mixed with water form an emulsion. It is because of their good thermal conductivity, these oils have the ability to dissipate heat more readily than neat cutting oils. Consequently water soluble coolants have become vital in achieving the higher feeds and speeds required to ensure maximum production efficiency. It can be used at 5% concentration in water.

The product performance meets IS 1115 - 1986 Specification.



Neat Cutting Oil

PRM C, CS, S, SS, H, A, AA

These are a range of high refined transparent, active & inactive type of cutting oils with extreme pressure properties. These cutting oils are specially developed for wide range of machining operations. They are blended from highly refined high viscosity index mineral oils and carefully selected additives.

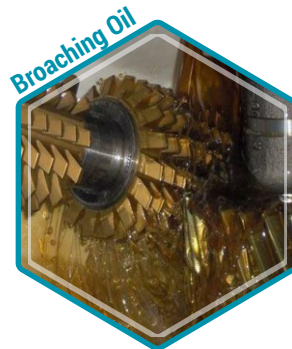
The product performance meets IS : 3065 -1985 Specification.



Semi Synthetic soluble cutting oil

PRM Torque Syncut 240 PRM Torque Syncut 100A

It is semi synthetic cutting oil possessing very good anti - rust, anti - corrosion and biocide properties. It has superior cooling and lubrication properties, which impart excellent surface, finish and minimize tool wear. It provides highly stable emulsion in a wide range of water hardness are obtained on adding the oil at recommended dosage levels (3% to 5%) to water with continuous stirring. It can be used in a variety of machining operations on both ferrous and non - ferrous metals.



Broaching Oil

PRM Broach

This oil is formulated with highly refined base oils fortified with suitable EP additives of fatty oil and active sulphur for improved surface finish and anti - misting. It is recommended for heavy duty severe machining operations such as threading, tapping and broaching on ferrous metals and more difficult alloys.



Honing Oil

PRM Honing

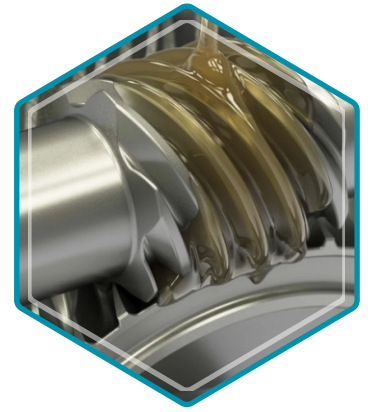
It is a high performance cutting oil especially developed for super finishing operations e.g. Honning, Lapping etc. However this oil also can be used in other low to moderately severe machining operations.

Metal Working Oil



Draw Oil

It is a heavy viscosity product formulated with mineral oils & extreme pressure additive and lubricating agent. It is excellent on ferrous and non - ferrous metals. It can be used for drawing, forming, stamping, punching and other applications.



Rust Preventive Oil

These Rust preventive fluids are soft film forming, solvent deposited, and water displacing type oil. These oils are used for the protection of metallic surfaces during transportation and storage. It is applied directly to the metal surface by dipping spraying or any other appropriate mode thereby forming a protective barrier. The corrosion preventives are readily removable by hot or cold solvents, wiping or stripping.

The product performance meets IS 1154 - 2000 Specification.

Process Oils



Rubber Process oil

PRM Process oil

This classification is generally based on the aromatic content of these hydrocarbon oils. Aromatic oils have the highest plasticizing activity followed by naphthenic and then paraffinic. However, aromatic oils are most staining while paraffin's oils are least staining. The selection of these oils in rubber compound is decided by the various factors such as degree of plasticization required, extent of staining, compatibility with polymers etc.

The product performance meets IS 15078 - 2001 Specification.



Plasticizers

Diocetyl phthalate(DOP) DOTP, is clear, colourless, viscous liquid with a slight, characteristic odor, soluble in ethanol, ether mineral oil and the majority of organic solvents. Immiscible with water, resistant to hydrolysis and air oxygen activity. Its high plasticizing efficiency, fusion rate, viscosity, low volatility, UV-resisting property, water - extracting proof, Cold - resisting property, and also good softness and electric property found a lot of applications in many offshoots of the industry.

The product performance meets IS 9591 : 1996 Specification.

OTHER SPECIALITIES



PRM White Oil

These oils are manufactured from highly refined Base Oils. It consists of saturated paraffinic and cycloparaffinic hydrocarbons. The refinement process ensures complete removal of aromatics, sulphur and nitrogen compounds. It is a colorless, transparent oily liquid, odorless.

The product performance meets IS 1083 - 1978 Specification.



PRM Cleaning Oil

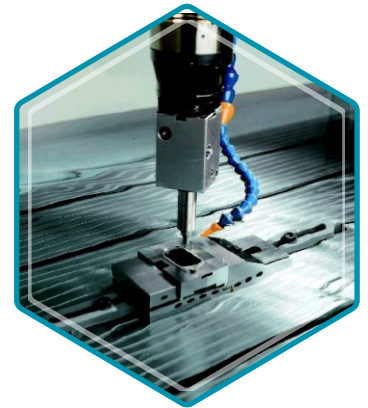
It is a cleaning oil degreaser that utilizes newly developed technology to provide a solvent - based product with cleaning power that in specific applications equals or exceeds many solvent based products. This product is highly effective at removing organic products such as greases, petroleum oils, and fatty oils in a variety of applications.



PRM Transformer Oil

It is a highly refined mineral oil that is stable at high temperatures and has excellent electrical insulating properties. It is used in oil - filled transformers, some types of high voltage capacitors, fluorescent lamp ballasts, and some types of high voltage switches and circuit breakers. Its functions are to insulate, suppress corona and arcing, and to serve as a coolant.

The product performance meets IS : 335 -1993 Specification.



PRM EDM Oil

It is a premium quality dielectric fluid meeting the requirements for insulation and controlled dielectric discharge during electric discharge machining operations. The low viscosity of the fluid provides good circulation through the spark gap and more rapid removal and settling of metal scrap. Has excellent oxidation stability, which reduces the formation of oxidation products that will alter the dielectric strength of the fluid. It is a proprietary grade Product.



Oils

Automotive Oils

Four Stroke Engine Oil

Multi Grade Engine Oils

- ◆ 4T Strong Torque 20W-40 (SL)
- ◆ 4T Strong Torque 20W-40 (SN)
- ◆ Agri Torque 20W-40
- ◆ Multi Torque 20W-40
- ◆ Turbo Torque 15W-40 (CI - 4)
- ◆ Turbo Torque 15W-40 (CI - 4+)
- ◆ Turbo Torque 15W-40 (CH - 4)
- ◆ PRM SAE 10W-30 (API SN)
- ◆ SAE 20W-50 (CNG & Petrol)

PRM passenger car Motor oils (API SL) are designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility and protection of engines.

PRM Diesel Engine Oils (API CJ - 4) are especially designed for high speed four - stroke engines, to meet 2007 on - highway exhaust emission standards. It is compounded for use in all applications with diesel fuels ranging in sulphur content up to 500ppm(0.05%) by weight.

The product performance meets IS 13656 : 2002 Standards.

Monograde engine Oil

It is designed for older & classic engines with premier mineral base oils and modern additives to provide outstanding protection in diesel & petrol engines. It meets API SL/CJ4 Performance Standards.

The products performance meets IS 13656 : 2002 Standards.



Two Stroke Engine Oil

2T Racing

This oil is recommended for lubrication of all types of two stroke engines fitted on scooters, mopeds and 3 wheelers.

The product performance meets JASO FC Specification.



Torque Transmission Fluid

Trans Torque TQ Oil

This product is used in automatic transmissions of all commercial power shift transmissions, industrial torque convertors and automatic transmissions. The product has excellent oxidation, rust and corrosion protection, better foam resistance and low pour point.

It meets TES - 228 for Hydraulic Transmission Fluid, General Motors Type A Suffix A (TASA), General Motors DEXRON IID, IIE, Allison C - 4

Oils

Automotive Oils



Gear Oil

PRM Torque Gear EP - 90 PRM Torque Gear EP - 140

These oils are recommended for gear applications requiring lubricants meets U.S. MIL - L - 2105D, CS: 3000 B API GL - 5 performance level, particularly suitable where loading is severe and maximum gear protection is required. These oils are recommended for bevel, spiral bevel and hypoid gear differentials, for synchromesh & constant mesh transfer cases, oil lubricated universal joints and manually operated steering gears. Auto Gear Oils of MIL - L 2105B/API GL - 4/ CS : 3000 A - equivalent performance standards are also available. It can be made upon request.

The product performance meets IS 1118 : 1992 Specification.



Synthetic Gear Oil

These are synthetic drive train lubricants engineered to meet the most demanding extended drain and warranty requirements. These products are designed for use in heavy - duty drive trains that require gear lubricants with relatively high viscosity and excellent load - carrying capability and where extreme pressures and stock loading are expected. These grades incorporate the latest technology in synthetic base stocks and advanced additives providing significant advantages over mineral gear oils.

It meets the performance of API GL4/GL5 and MIL - L - 2105 E category.



Synthetic Engine Oil

PRM Torque Synth 05W-30

PRM Torque Synth 10W-30

PRM Torque Synth 15W-40

It is a high performance engine oil base on 100% synthetic technology for use in gasoline & diesel engines of passenger car and light vehicles with or without turbo chargers.

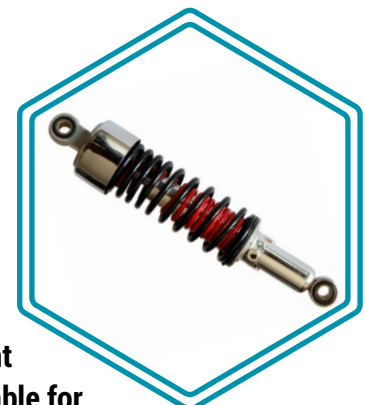
It meets API SL/SN, ILSAC GF5 credentials.



Front Fork Oil

PRM Front Fork Oil

Front Fork Oil is specially developed for application in front fork assemblies of two wheelers and is recommended for use in the front fork shock assembly of motorcycles.



PRM Shock Absorber oil

It is designed with excellent damping effect & it is suitable for hydraulic shock absorber of automobiles under various severe conditions.

Grease

Automotive Grease



PRM Calcium / Chassis Grease

It is premium quality calcium base grease, specially developed for the lubrication of automotive chassis parts. It possesses strong affinity for metal surfaces with extremely good stay - put properties adequate water resistance.

It is a lithium complex, meeting various NLGI grades - that can be used for a variety of industrial, automotive and heavy - duty construction applications. This grease is an extreme pressure lubricant can withstand higher operating temperatures than traditional lithium multi - purpose greases as well as most lithium complex greases.

PRM AP3 & AP2 Grease

PRM AP 3 & AP2 Grease is premium quality lithium soap. All purpose automotive grease, with high drop point, good thermal and structural stability and also having resistance against water wash out. With its smooth structure and high degree of resistance against oxidation and rusting / corrosion. It is an ideal product for all grease lubricated parts of automotive equipment.

The product performance meets IS: 12203 - 1987 (Reaffirmed 1993) Specification.



PRM Wheel Bearing Greases

It is a premium quality, sodium soap grease with short fibres and good structural stability. This grease is specially formulated to give long service life to anti - friction bearings of light and heavy vehicles.

The product performance meets IS : 10647 - 1983 (Reaffirmation 1993) Specification.



PRM MP3 & MP2 Grease

These are premium quality, lithium soap, multipurpose industrial grease. These greases possess excellent water resistance properties, high oxidation stability and maximum structure stability, high level of anti - rust and anti - corrosion properties. They give outstanding performance under varying operating conditions.

The product performance meets IS : 7623 - 1993 Specification