



EXCEL PETROLEUM PVT. LTD.



Chemical Industry



Rubber Industry



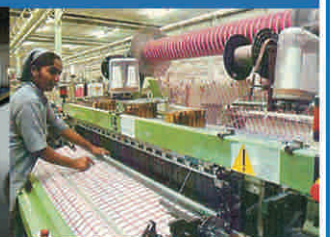
Rolling Mill



Engineering



Steel Plant



Textile

COMPANY PROFILE

M/s. Excel Petroleum Pvt. Ltd. a growth-oriented, technocrat company was promoted in the year 2002 by qualified, dedicated & motivated professionals with several decades of experience in the Petroleum Industry. Our company manufactures & supply wide range of industrial lubricants & speciality oils under the brand name "Excel". We have developed an effective production facility and R&D department along with the quality testing.

Excel Petroleum has made use of the modern facilities and infrastructure at its plant located in Navi – Mumbai, which is now having an average production capacity of 1,500 MT per annum with fully equipped laboratory backed up with sound technically qualified team.

Our company has placed emphasis on the quality and we are committed in providing our customers with our products & services that meets the quality expectations. Our production is based on the quality plan in order to deliver our lubricants & speciality oils of committed quality. Quality & on time delivery to our customers are not something that is just a system to be followed, it is ingrained into the thinking and working process of single employee.

We at Excel Petroleum believe that "customer's satisfaction is our satisfaction".



Hydraulic Oils: EXCEL HYDRO SYSTEM 32/46/68 HLP Series 32/46/68

These Oils are blended from highly refined base stock and selected antioxidant, antiwear, antirust, antifoam additives. These oils are recommended for hydraulic systems and a wide range of circulation systems of automotive and industrial instrumentation, compressor crankcase lubrications, but not recommended for systems having silver coated components.

Benefits

Long service life. High additive ensure anticorrosion as well as antifoaming properties. High temperature stability. Low temperature fluidity.



Compressor Oils: EXCEL HYDRO SYSTEM 100/150

These oils are of the premium quality with an appropriate dosage of anti-oxidation, anti-corrosion, anti-wear and anti-foam additives specially selected to maintain good air release properties. To ensure excellent viscosity characteristics over a wide range of temperature these oils are incorporated with high viscosity index. It can be used for multistage oil flooded rotary screw compressors, both stationary and portable types & also reciprocating air compressors.

Benefits

No Carbon, formation low pour point, High temperature stability, No fire risk, Excellent demulsification, Excellent corrosion resistance to prevent rusting & corrosion metal parts.



Circulating Oils: EXCEL HYDRO SYSTEM 220/320/460

This group of anti-wear Excel Hydro Systems Oils is high quality circulating oils formulated from highly refined lube base stocks and carefully selected anti-oxidant, anti-wear, anti-rust, anti-foam and sludge dispersant additives. Recommended for continuous circulation systems. Suitable for lubrication of antifriction bearings of compressors, machine tools, hydraulic systems, circulating oil systems and small enclosed gears where extreme pressure lubricants are not required and they ensure long trouble free operations.

Benefits

Extremely high thermal and oxidation stability, Rust preventive properties to protect the enclosed systems, Super clean in nature, Excellent anti- wears performance and good de-foaming characteristics.



Quenching Oils: EXCEL QUENCH 42 / 43

This oil is a blend of petroleum oil and high quality additives. It has good wetting characteristics and has a higher quenching speed. It is accelerated quenching oil with special polar additives to give higher hardness during prolonged service. Recommended for general purpose quenching operation for the mass production of high precision components, bearing races, automotive gears & transmission products.

Benefits

Good Chemical and Oxidation stability, High Boiling points and low volatility, Good Thermal Properties.



Spindle Oils: EXCEL SPIN OIL 12/22

Excel Spin oils are low viscosity lubricants manufactured from highly refined base stocks possessing excellent chemical and oxidation stability and further fortified with carefully selected oxidation and rust inhibitors, antiwear and antifoam agents. Recommended for lubrication of textile and machine tools, spindle bearings, timing gears, centrifugal separators, positive displacement blower and hydraulic system of certain high precision machine tools.

Benefits

Resistance to rusting and corrosion, Good strength of oil film, High chemical stability, Good demulsibility, Lowest fluid friction.



Engine Oil: EXCEL MG 15 W 40

Excel MG 15w/40 is a top tier multigrade diesel engine crankcase oil manufactured from premium quality virgin base stock. It is fortified with a shear stable viscosity index improver and high performance engine oil additives. It also contains a special additive to retard soot induced oil thickening, particularly for engines emitting black exhaust smoke. It Prevents carbon built-up engine components, extends engine rebuild life, Reduces engine's cuffing and bore polishing, Retards soot induced oil thickening, Reduces oil and fuel consumption.

Engine Oil: EXCEL MG 20 W 40

Excel MG20w/40 are heavy duty multigrade oils of high viscosity index suitable for use in both summer and winter seasons. It can be used in place of SAE 30, SAE 40 and mono-grades. The benefit of this product is that it provides easy starting. It reduces friction & power loss & offers longer service life.



Machine Oils: EXCEL MACHINE OIL 40/50/100

These oils are low viscosity lubricants manufactured from highly refined base stocks possessing excellent chemical and oxidation stability & further fortified with carefully selected oxidation and rust inhibitors, antiwear and antifoam agents. These are the grades which are specially formulated with additives to improve adhesiveness and film strength characteristics. They provide of oil film to an unusual degree and have marked influence in reducing power consumption, wear and maintenance costs. Recommended for 'once-through' application situation in Textile Mills, Paper Mills, Steel Mills and Machine Tools.

Benefits

Good strength of oil film, High chemical stability, Good demulsibility, Lowest fluid friction.



Gear Oils: EXCEL GEAR OIL EP 90/140

It is Multipurpose Gear oil containing extreme pressure additives for moderate service condition. These oils are blended from highly refined base oils specially selected for their thermal and oxidation stability with extreme pressure additives that withstand thermal degradation at high temperature. This combination makes them excellent heavy duty gear lubricants that can provide an effective lubricating film under high pressures and severe shock loads.

Benefits

Reduce wear of gear trains, Excellent thermal & chemical stability, thus offering excellent performance throughout their life, Protection against rust & corrosion ensuring longer, Trouble free protection to Gear box internal.

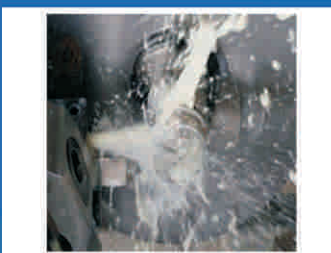


Gear Oils: EXCELGEAR OIL SP 150/220/320/460/680

Excel Gear Oils are extreme pressure type industrial gear oils formulated from high quality mineral oils and sulphur phosphorous type additive package, which impart excellent anti-wear and extreme pressure properties. They have excellent thermal and oxidation stability, good demulsibility and defoaming qualities with rust and metal deactivators.

Benefits

Reduce Gear Box operating temperature, Provide rust protection to the gear box internals, Offer excellent performance by reducing wear of the meshing gear teeth.



Soluble Cutting Oil: EXCEL CUT HD 40

EXCEL CUT - HD 40 is a heavy duty soluble oil which contains EP additive. It is incorporated with good rust preventive additives and is inhibited against foaming. Its main application is with high speed steel tools in practically all major cutting processes and on most metals including difficult alloy steels. It is more effective than ordinary emulsifiable oils in extending tool life. The most common emulsion strength used for machining ranges from 3 to 10% depending on the severity of machining.

Benefits

It causes no rusting or corrosion of machine, work piece or tools. Non Staining, It Does not smoke or fog in use, Possesses anti – Bacterial properties, Good thermal stability, Non Corrosive, It does not contain ingredients harmful to the operator.



Grinding Oil: EXCEL SYNTHO CUT 70

It is solution type fluid that contains no oil. It consists of special corrosion preventive additive in water. It is supplied as concentrate, which must be mixed with water in a suitable proportion. The solution provides an economical, rust preventive coolant of exceptionally superior properties for grinding or high speed machining. Dilution ratio recommended with water is 2-4%, depending on the type of machining and final finish.

Benefits

Good Chemical and Oxidation stability, High Boiling points and low volatility, Good Thermal Properties, High Flash & Fire Points.



Straight Cutting Oil: EXCEL CUT ST 21

This oil is a low viscosity, light coloured product containing chlorinated EP and oiliness additives. It is suitable for machining operation on mild steels, carbon steel, nickel steels and manganese steels and its use may be extended to copper, aluminium and their alloys if required.

Benefits

Good wettability, Excellent EP properties, Superior cooling of tools, Good chip flushing.

Straight Cutting Oil: EXCEL CUT ST 23

It is the product which contains additives, which impart high oiliness as well as EP properties. It affords good cooling, chip flushing & penetration. It is suitable for high speed automatic machine tools and may also be used as a general purpose machine tool lubricant.

Benefits

Good wettability, Excellent EP properties, Good chip flushing & penetration.

Straight Cutting Oil: EXCEL CUT ST 55

It is medium viscosity dark brown oil containing active sulphur, chlorine and oiliness additives. It is suitable for all machining operations on high tensile steel and for less severe operations on stainless and heat resistant alloys. It is recommended for gear hobbing, thread –cutting machines etc.

Benefits

Excellent heat removal properties, Excellent EP properties, Superior wettability.

Straight Cutting Oil: EXCEL CUT ST 58

It is a dark coloured medium viscosity product containing a high dosage of sulphur and is used where colour of oil is unimportant. It is recommended for heavy duty threading, tapping and broaching.

Benefits

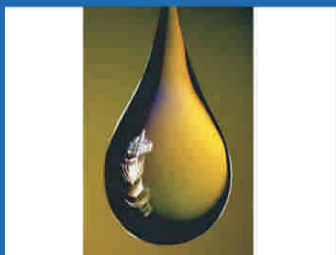
Excellent heat removal properties, Excellent EP properties, Superior wettability, Improved finish, Increase tool life.

Straight Cutting Oil: EXCEL CUT ST 945

It is active type straight cutting oil which contains higher dosage of sulphurised fats. This oil contains sulphurised fatty material, which improves oiliness property thus providing better surface finish. Sulphur incorporated in these oils become chemically active at the tool-work piece-chip interface and ensures protection to the cutting tool over a wide range of operating temperatures. It is recommended for most of the cutting operations on ferrous metals under severe operating conditions, which demand high degree of chemical activity in oils.

Benefits

Provides continuous protection to tool edges over a wide range of operating temperatures, Helps in improve surface finish due to the added oiliness property, Prevents localized welding between the chip and tool.



Broaching Oil: Excel B R 1 0 3

It is a product which contains sulphur plus additives. It is a low viscosity grade specially developed for deep hole drilling and precision grinding of all kinds of steel. It is also used in other machining operations where low viscosity is required and is recommended for thread rolling.

Benefits

Good chip flushing properties, Excellent EP properties.



Straight Cutting Oil: EXCEL CUT ST 481

(Honing oil)

It is recommended to use for the honing of ball bearing traces and is ideal for super finishing operation.

Benefits

Excellent flushing action, Can be used for ferrous & non – ferrous metal, Economical to use, Improved surface finish, High degree of cooling.



Rust-Preventive-Oils: EXCEL RUSTNOT - 274

This is a premium rust preventive and is specially designed as proactive for all types of bearing. Its superior characteristics protect the components for extended duration. It is also used as a sealant for phosphatized components. It can be used for dual purpose for inter process treatments as well as for application on the precision parts at the final packages stage.

Benefits

Easy application, Wide coverage, Easily removable by solvent, Lubricant compatible, Severe duty rust prevention.



Rust-Preventive-Oils: EXCEL RUSTNOT - 173

It is a premium corrosion preventives that contains soft film, solvent based having water – displacing additives, which means that all traces of moisture on the surface of components being coated are displaced by a proactive film of these products.

Benefits

Easy application, Wide coverage, Easily removable by solvent, nonstaining varying degree of protection, Economy of usage.



Rust Preventive Oil: Excel QD 20

EXCEL QD 20 is one types of fluid that forms thin protective film on the treated surface, thus drying steadily. It provides long term protection, enhances surface luster by its attractive finish. It retains factory fresh appearance of the product. It is useful for long term protection of all spare parts, Jigs, Dies, Moulds, Hack-saw blades, knives, tools, hardware, casting, forgings, chains, stampings, and machinery items during storage or transit. The benefit of this product is that it's non-staining and are easily applicable by brush, spray or swab. These are water displaced and this obviates the need for specially drying parts to be protected.



Rubber Process Oil: EXCEL RUBBER OIL 245

EXCEL RUBBEROIL 245 is a paraffinic type, medium bodied rubber processing oil formulated from highly refined, solvent extracted base stock of low sulphur content. This conforms to ASTM 104 type. This oil is recommended as an ingredient for the manufacture of various Rubber products from both natural and synthetic rubber. It is used in the manufacture of Automotive tyres, tubes and many other moulded rubber goods and also in dark colored Rubber goods such as battery casings, rubber bushes etc.. These are ideally suitable for processing natural, Styrene Butadiene Rubber, Isoprene, Butyl Rubbers and also for EPM and EPDM rubbers.



Rubber Process Oil: EXCEL RUBBER OIL 541

Rubber Process Oil: EXCEL RUBBEROIL - 541 is a naphthenic type rubber processing oil conforming ASTM 103 type. It is formulated from carefully selected naphthenic base stock. These oils possess excellent thermal, oxidation and colour stability and are non – staining in nature. This oil is recommended for use in processing of rubber for the manufacture of automobile tyres and many other moulded rubber goods. These are ideally suitable for processing Styrene Butadiene Rubber (SBR), Natural and Isoprene Butyl Rubber.



Rubber Process Oil: EXCEL RUBBER OIL 710

Rubber Process Oil: EXCEL RUBBEROIL - 710 is aromatic type rubber processing oil containing to ASTM 101 type. Blended from speciality selected aromatic extracts products from further extraction of Lube Oil. This oil is suitable for natural as well as synthetics rubbers like Butadiene Neoprene and Styrene Butadiene Rubber (SBR). These are used in the Manufacture of automobile tyres, rubber treads and other dark coloured rubber goods Such as battery casings rubber bushes etc.



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