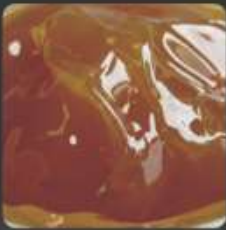


The Best
Worldwide Corporation for the Best
Worldwide Customer

 **PIZEN**[®]
QUALITY YOU DESIRE



 **PIZEN**[®]
PRODUCTS



About Pizen

We would like to introduce ourselves as Uday Engitech Sales & Services of wide range of quality metal working fluids, industrial lubricants automotive lubricants and specialty lubricants for automobile, steel and electronic industries under the trade name of Pizen.

We provide technical support to all of our customers on periodical basis. Our engineers provide technical supports like product recommendation, product trial, trouble-shooting and product modification as per customer requirement.

Other than lubricants we also provide services like Coolant Management System and Wax Management System for automotive industries.

Our Sales team is always ready to provide you quality product at a competitive price and convenient packing.

We would be highly obliged if you could give us an opportunity to serve you.

Our Mission

Our Missions is to maximize customer satisfaction by understanding their needs and provide them with good Quality. Products lasting solution & services consistently commensurate to customer requirements. Maintain & expand long term client relationship. We believes that business is a by product of Relationship. Our business is based on client relationships that are established over period of time rather than a project based execution approach.

Thank you.



1. CUTTING OIL : WATER SOLUBLE TYPE

Product	TYPE	CONC (Volt. %)	SUITABLE FOR			USE	APPLICATION & PROPERTIES
			Cast Iron	Steel	Alum inium		
PZ COOLCUT NX10	Emulsion	5~7	✓	✓	✓	Cutting	Low Cost.
PZ COOLCUT NX25	Emulsion	5~7	✓	✓	✓	Cutting	Excellent lubricity improves surface finish and tool life
PZ COOLCUT NX50	Emulsion	5~10	✓	✓	✓	Cutting	Excellent lubricity provides better job finish and tool life. Performs well in water with high hardness.
PZ COOLCUT SZ-100	Semi Synthetic	5~7	✓	✓	✓	Cutting	Excellent lubricity improves surface finish and tool life. Better anti-rust property. Specially designed for Ferrous jobs. Longer sump life due to better bio stability. Applicable for machining Engine parts like Crank shaft, Cylinder Block, Connecting rod, Cam shaft.
PZ COOLCUT SZ-300	Semi Synthetic	5~10	✓	✓	—	Cutting	Good Washing and cooling property. Better de-foaming property.
PZ COOLCUT SZ- 500	Semi Synthetic	5~10	✓	✓	✓	Cutting	Excellent lubricity, improves surface finish and tool life. Specially designed for Aluminium jobs. Longer sump life due to better bio stability. Suitable for Central Coolant system (CCS). Applicable for machining Engine parts like Cylinder Head, Clutch housing, T/A case.
PZ COOLCUT SZ-700	Semi Synthetic	5~15	✓	✓	✓	Cutting	Excellent lubricity, improves surface finish and tool life. Longer sump life due to better bio stability. Suitable for Central Coolant system (CCS). Applicable for machining Engine parts of all materials.

2. CUTTING OIL : NEAT TYPE

Product	VISCOSITY (40°C, mm ² /S)	FLASH POINT (°C)	Cu CORROSION TEST (100°C, 1 hr)	S	Cl	FAT	4-BALL WELD LOAD (kg)	APPLICATION & PROPERTIES
PZ COOLCUT BN-5N(I)	25± 2.5	184±18	2	✓	✓	✓	400	Gear hobbing, Deburring, Shaving, Chamfering, Good extreme pressure resistance.
PZ COOLCUT BN-7N(I)	29± 3.0	206±20	1	✓	✓	✓	200	Gear hobbing, Thread cutting, Rolling, Deburring, Shaving, Chamfering. Excellent lubricity improves surface finish and tool life.
PZ COOLCUT CN-3N(I)	3.3± 0.3	110±11	1	✓	✓	✓	60	Applicable for Honing and Lapping. Suitable for all type of materials. Excellent lubrication & flushing properties extend honing stone life and enable high surface finish and dimension accuracy.
PZ COOLDISCHA DCO-10005 (EDM OIL)	2.5± 0.3	100	1	✓	✓	✓	-	Dielectric fluid used in finish-cut electrical discharge (spark erosion) machining operations. Electrical discharge machining in tool and die shops. Also applicable in manufacturing of electronics and air-craft components, hardware, tools, fasteners, silver-ware, cutlery, jewellery, appliances, valves and regulators.
PZ COOLDISCHA DS-50 (I)	14.5± 1.5	170±17	1	✓	✓	✓	-	Applicable for Deep hole drilling / Gun drilling operation. Good penetration and cooling. Used in automobile, wind power and shipment fields.
PZ COOLCUT TP - 25 (CN)	18± 1.8	164±16	1	✓	✓	✓	-	Applicable for shaving, shaping, Broaching, Tapping. Good extreme pressure resistance.

3. RUST PREVENTING / ANTI RUST OIL

Fast drying, water displacement, anti-decolouration and anti-oil stain properties. Easily removed by alkaline solution. Applicable for preventing rust on automotive parts and general machine parts. It can also be used for cleaning contaminants like dust, grease and other viscous oils. The oil can be applied by spraying, dipping and brushing methods.

Product	VISCOSITY (40°C, mm ² /s)	FLASH POINT (4°C)	FILM THICKNESS (m)	SALT SPRAY TEST (Hours)	INDOOR ANTI-RUST PERIOD (Months)
PZ BELSTOP IP DBH(N)	2.1±0.3	50±10	2 ~ 3	48	3 ~ 4
PZ BELSTOP IP DBH (S)	2.8±0.3	65±6.5	2 ~ 3	24	1 ~ 2
PZ BELSTOP IP DBH (W)	1.5±0.3	45±5	1 ~ 2	12	1

4. HEAT TRANSFER FLUID

Product	APPEARANCE	VISCOSITY (40°C, mm ² /s)	VISCOSITY INDEX	FLASH POINT (°C)	POUR POINT (°C)	APPLICATION
PZ PIZTHERM 500	Light Yellow transparent	32±3.2	100	200	-15	Closed system : Max 285°C Open system : Max 150°C
PZ PIZTHERM 600	Colourless transparent	46±4.6	95	210	-6	Closed system : Max 3 ¹⁵⁰ C Open system : Max 180°C

5. QUENCHING OIL : NEAT TYPE

Product	APPEARANCE	VISCOSITY (mm ² /s)	FLASH POINT (°C)	OIL TEMPERATURE (°C)	CHARACTERISTIC TEMPERATURE (°C)	APPLICATION
PZ BELTEMPER 280	Cold Type	18.8±0.8 (at 40° C)	200	50~90	615	Suitable for quenching of bolts and large hot forged parts. Carburising quenching of carbon and alloy steel.
PZ BELTEMPER 2100	Semi-Hot Type	8.2±0.5 (at 100° C)	240	80~120	600	Refining and nitriding of small and medium sized bearing race. Hardening ability improvement of carburising parts.
PZ BELTEMPER 2200B	Hot Type	20±1.5 (at 100° C)	275	130~150	630	Quenching, tempering and carbonitriding of gears and large sized bearing race. Carburisation quenching or shafts.

6. GREASE

Product	BASE	NLGI GRADE NUMBER	PROPERTIES & APPLICATION
PZ GREASE AP-3	LITHIUM	NO.1	All Purpose Grease
PZ GREASE MP-1	LITHIUM	NO.1	Multi-purpose Grease : Excellent mechanical stability, oxidation stability & resist heat. Applicable for common industrial machineries, bearings of construction machineries, bearings of water pump, electromotor and automobiles. Working range = -20° - 130 C.
PZ GREASE MP-2	LITHIUM	NO.2	
PZ GREASE MP-3	LITHIUM	NO.3	
PZ GREASE EP-000	LITHIUM	NO.000	Extreme pressure Grease : Excellent mechanical stability, oxidation stability & resist heat. Excellent for extreme pressure conditions. Good roving ability. Applicable for industrial heavy duty machineries and construction machineries. Working range = -20° - 130 C.
PZ GREASE EP-00	LITHIUM	NO.00	
PZ GREASE EP-0	LITHIUM	NO.0	
PZ GREASE EP-2	LITHIUM	NO.1	

PZ WHEEL BEARING GREASE AND PZ CHASSIS GREASE AVAILABLE

6. PRESS OIL : DRAWING & FORMING

Product	VISCOSITY (40°C, mm ² /S)	FLASH POINT (°C)	Cu CORROSION TEST (100°C, 1 hr)	APPLICATION & PROPERTIES
PZ BELLPRESS IPR 220 (PN)	220± 22	180	2	High Workability. Forming, drawing and bending of SS plates and tubes.

Anti Wear Hydraulic Oil

**PZ HYDROPAC - 10 / 12 / 22 / 32 / 46 / 68 /
100 / 150 / 220 / 320**

Hydraulic oil based on high purity mineral oil & additives enhanced with anti-wear agents. Provides high level of chemical and thermal stability. It is specially manufactured for a severe working condition. It also gives good water separation properties.

USE : Applicable for vane, piston and gear pumps.

Spindle Oil

PZ HYDROPIN - 10 / 12

Formulated from highly refined mineral oil with an oiliness agent, enhance with rust and oxidation inhibitors. It has excellent oxidation resistance and thermal stability at high temperatures to minimize deposits and provide long service life. It protects against rust and corrosion and provides good wear protection for long spindle life. It has very good foam resistance. It has excellent water-separating properties to minimize the formation of emulsions.

USE : High-speed needle and spindle bearings in industrial, agricultural and textile machinery.

Heavy Duty Hydraulic Oil

PZ HYDROPAC HLP - 32 / 46 / 68

High performance hydraulic oil with optimal anti-wear properties and high load capacity of the lubrication film. Its excellent oxidation stability provides good performance at higher temperatures and extended operating intervals. High resistance to emulsification.

USE : Hydraulic systems containing gears and bearings where good anti-wear prosperities are required, where wide ambient temperatures are encountered, even under the influence of water.

Compressor Oil

PZ Comp (N) - 32 / 46 / 68 / 100 / 150 / 220

Formulated from highly refine mineral oils and additives for the lubrication of rotary and reciprocating air compressors. Outstanding cylinder and piston ring lubrication. Excellent thermal and oxidative stability leads to longer operating life and reduces lubricant costs. Optimum rust, corrosion and wear protection. Excellent water separation aids in draining excess moisture from circulating systems.

USE : Applicable for rotary screw and reciprocating compressor.

Lubrication Oil / Machinery Oil

PZ HYDROPAC HS - 32 / 46 / 68 / 220

Based on highly refined mineral oil, additives and anti-wear agents for way lubrication of machine elements. It contains additives that protect against rust and oxidation. It is compatible with metals, plastics and other minerals oils without any chemical reactions.

USE : Slideways on all modern machine tools.

Gear Oil

PZ BELGEAR EP- 90 / 100 / 150 / 220 / 460

These are extreme pressure Gear lubricants based on high purity mineral oil, extreme pressure additives to provide good wear protection. It is specially manufactured to offer the industry for working under severe conditions systems. These gear oils give good water separation properties and anti-rusting performance.

USE : Recommended for heavy duty enclosed gear drives with circulation or splash lubrication system operating under heavy or shock load conditions.



PIZEN OIL



OTHER BRAND OIL



PACKING

210 LTRS MS / HDPE BARREL

20 LTRS. IN HDPE PAIL

PRODUCT RANGE

INDUSTRIAL PRODUCTS

- Cutting Oil
- Hydraulic Oil
- Transformer Oil
- Spindle Oil
- Rust Preventing Oil
- Gear Oil
- Thermic Oil
- Heat Transfer Oil
- Compressor Oil
- Quenching Oil
- Automotive Engine Oil
- Automotive Gear Oil
- Textile Oil
- Grease
- Rubber Processing Oil
- Rolling Oil
- EDM Oil / Sparking Oil
- Lubrication Oil
- Knitting Oil

Authorised Dealer :



We are also deal in :



UDAY ENGITECH

3, Bhagvati Estate, Nr. Keval Kanta, Rakhial, Ahmedabad - 380023.

Email : udayengitech@gmail.com

Office : 09909010442

Mob. : 08238156566 | 09687676312