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About Us

Customer is our first priority and customer satisfaction is our motto. This philosophy along with your continued support has enabled "NICK Petrochem Private Ltd" to show steady growth year after year since its incorporation. We are successfully marketing our products under the brand name "BLAZOL" which are known for its quality and performance. Our R&D centre is located at Vapi and is not only optimizing the existing products with the best performance but also developing a new range of products.

The product line catalogue for automotive lubricants provides a brief outline on Automotive Lubricants manufactured and marketed by Nick Petrochem Private Ltd. The information provided in this catalogue is based on the requirements of various applications in the automotive industry. This information would serve as a reference material. However, for proper recommendation and application of these products, our customers are requested to avail the services of our experienced sales technical personnel's.

We feel pleasure in presenting this catalogue on Automotive Lubricants to our valued customers, which we hope, would serve as a ready reckoner.

Introduction

Nick Petrochem is an experienced and progressive automotive manufacturing organization dedicated to provide consistent quality and service to its wide range of customers.

A group of highly technocrats backed by relevant experience has carefully formulated all NICK Petrochem products from advanced additive technology and carefully selected premium virgin base oils, through rigorous analysis and testing, which are then manufactured to meet and exceed the requirements of national and international standards of respective products, in our state of art oil blending plant following well documented quality assurance program which ensures quality checks, in our well equipped laboratory, right from raw materials to intermediate stages of production to finished products.

Our Mission

We will strive to provide an environment which stresses both personal and product integrity. Our emphasis will be on the relationships that we build with people we work with and those we serve. These relationships, along with the quality of our products and services, enable us to take pride in responsibilities as Nick Petrochem associates.

Our Vision

To be the foremost Indian Manufacturing Company most admired for its quality products, reliable performance and best services with a perspective of global excellence.

ISO 9001: 2015 CERTIFIED

Nick Petrochem Pvt. Ltd. Has been assessed and found to be in accordance with the requirements of International standard ISO 9001:2015.

We are also proud to announce that NICK PETROCHEM PVT. LTD has been awarded as ISO 9001:2008 Certified company by BS Certification Services Ltd. HONG KONG.

OUR ACHIEVEMENTS

We feel immense pleasure to announce that NICK PETROCHEM PVT. LTD has been awarded as BEST QUALITY AWARD for the year 2017.

We will continue our efforts to achieve the highest performance level, together with challenging spirit as well as high quality products to deal with, in our business field.

SPRINT SYNTH 4T (API SN)

Blazol Sprint Synth 4-T 20w40 API SN GRADE is specially blended from Premium Quality Synthetic Base oils and Oxy-bitors chemistry that keeps the engine clean, control oil thickening, and facilitate FASTER PICK-UP.

It is Premium performance ,shear stable multigrade Engine Oil specifically designed and developed for use in four stroke motorcycles and portable power equipment requiring API SN & JASO MA2 Specifications.

Product Features and Benefits

- Extended drain interval up to 10,000 km.
- Protects the engine components from heat, compression and combustion deposits
- Protects clutch from slippage by maintaining required balance between slip and grip.
- Total engine protection viz. protection from rust, corrosion, high temperature, wear & tear etc.
- Optimum viscosity is maintained, to provide effective and rapid lubrication, thus reducing friction and increasing power output.
- Cost effective due to long drain period and reduced engine maintenance.

Applications

- Recommended for all new generation 4 stroke , two wheelers, plying under severe duty conditions like frequent stop & go, dusty environment, variable climatic conditions etc. viz. Honda, Hero Motocorp, Bajaj, TVS, Yamaha, Suzuki, Duke, LML, Kinetic etc.

Segment : MCO

Performance Standards

- API SN
- JASO MA2

Typical Physical Characteristics

Characteristics	SPRINT SYNTH 4T
Kinematic Viscosity, cst@ 100 °C	14-16
Viscosity Index, min.	140
Pour Point, °C, max.	-24
Flash Point, COC, °C, min	240
TBN, mg. KOH/gm.	7 to 9

Packing

210 Ltr, 50 Ltr, 1 Ltr, 900 ml



BOOSTER Synth 4T 20W50 (API SM)

BOOSTER 4T 20W50 (API SM) is an Advanced Premium Quality Synthetic Blend engine oil specifically designed for 4-Stroke Cruiser and Tourer bikes to suit long riding conditions

BLAZOL BOOSTER 4-T has been developed with Power Booster Technology which manages heat and friction in big bikes, ensuring continuous power delivery and provides On-Demand Acceleration. Specially designed for Pulsars and Avengers with sump capacity of 1.20. It is suitable for all 4-stroke motorcycle engines both carburetor and fuel injected where API SM is recommended.

Product Features and Benefits

- Improved engine life and maximum power with special protection to air-cooled engines of 4-stroke motorcycles
- Superior cleaning properties with potential for longer oil drain interval and wet clutch protection
- Guarantees good lubrication in normal service conditions
- Prevents the formation of lacquers and varnishes thanks to its dispersant additives.
- It maintains an adequate pressure and temperature under all service conditions

Applications

Recommended for new generation 4-stroke gasoline engines in high performance motorcycles of all leading global manufacturers like Hero Moto Corp, Honda, TVS, Bajaj, Yamaha, Suzuki, Kawasaki, Mahindra, Royal Enfield and all other makes

Segment : MCO

Performance Standard

- API SM
- JASO MA2



Typical Physical Characteristics

Characteristics	4T 20W50
Kinematic Viscosity, cst@100 °C	15-18
Viscosity Index, min.	142
Pour Point, °C, max.	-24
Flash Point, COC, °C, min	240
TBN, mg. KOH/gm.	7 to 9

Packing

210 Ltr, 50 Ltr, 1 Ltr & 1200 ml

Titanium Synth 4T (API SM)

TITANIUM Synth 4T (API SM) is specially formulated with synthetic technology to provide outstanding, durable protection under severe high-torque, high-stress conditions. Under these conditions, motorcycle engines operate at extremely high temperatures, causing viscosity and thermal breakdown of motor oil. IT is engineered to provide maximum protection against viscosity and thermal breakdown. Titanium 4-T is the way to go for your 4-stroke motorcycle needs. It is specially Blended with **PBM** (Performance Booster molecules) technology which gives Technological Advantage for highest level of Engine.

Product Features & Benefits

- Extended drain interval up to 10,000 km.
- PBM Technology ensures Performance, Power & Protection for Bike.
- Specially selected base oil and additives provide excellent protection for engine, gears and wet clutch.
- Optimises frictional properties, eliminates wet clutch slippage to provide increased power.
- Aids faster heat dissipation to give longer engine life
- Ensures excellent wear protection
- Lower clutch slippage.&Provides better fuel economy

Application

Recommended for all new generation 4 stroke , Two wheelers, plying under severe duty conditions like frequent stop & go, dusty environment, variable climatic conditions ets. Viz Honda, Hero motocorp, Bajaj, Yamaha,TVS, Suzuki & Duke etc.

Performance Standards

- API SM
- JASO MA-2

SEGMENT : MCO

Typical Physical Characteristics

Characteristics	Titanium 4t
K. Viscosity @ 100°C	14 - 16
Viscosity Index Min.	160
Flash Point (COC) °C	220
Pour Point °C	-21
TBN	7 to 9

Packing

210 ltr, 20 ltr, 1 ltr, 900 ml, 800 ml



Micra 4T Plus (API SL)

Micra 4 Stroke Engine Oils are premium quality engine oils Tested by Nick R&D team . They conform to international specifications of JASO (Japanese Automobile Standard Organization) MA & MB. Micra 4 Stroke Engine Oils have been developed keeping in mind the difficult driving conditions prevalent on Indian roads. To meet the complete lubrication needs of your Scooters & Motorcycles we strongly recommend that you use Micra 4T Engine Oils only. Test evaluation of Micra 4 Stroke Engine Oil indicates the clear benefits of this oil over conventional 4T Oils.

These products minimize spark plug fouling & preignition, prevent rusting & provides protection against scuffing , seizure & wear.

Product Features and Benefits

- Resists viscosity and thermal breakdown at high temperature and severe operating conditions.
- Reduce exhaust emission.
- Higher fuel efficiency and extended oil drain period.
- Protects against scuffing and wear, enhancing engine life.
- Eco-friendly & catalytic converter compatibility.

Applications

- Recommend for all new generations 4 stroke ,two wheelers, plying under severe duty conditions like frequent stop & go, dusty environment, variable climatic conditions etc. viz Honda, Hero Motocorp, Bajaj, TVS, Yamaha, Suzuki, LML ,Kinetic etc. and three wheelers also.

Performance Standards

- API SL
- IS 13656 - 2002
- JASO MA2

Segment : MCO



Typical Physical Characteristics

Characteristics	20W40	10W30
Kinematic Viscosity, cSt @ 100°C	12-15.5	9.5-12
Viscosity Index, min.	130	128
Pour Point, °C, max.	-12	-10
Flash Point, COC, °C, min	225	220
TBN, mg. KOH/gm.	7-8	7-8

Packing

210 Ltr, 50 Ltr, 20 Ltr, 1 Ltr, 900 ml , 800 ml

Blazol Brake & Clutch Fluid (Dot 3)

BLAZOL BRAKE FLUID DOT 3 is Brake and Clutch Fluid formulated for use under severe operating conditions or where DOT 3 fluids are recommended. Brake and Clutch Fluid DOT 3 combines a complex combination of Polyglycols, Polyglycol Ethers blended with inhibitors designed to prevent corrosion, oxidation and to control seal swell characteristics. BLAZOL BRAKE FLUID DOT 3 has a high boiling point and hence does not give rise to vapour lock problems in high temperature operating conditions and also does not deterioration caused by sudden and repetitive braking and hence it is safe for high speed vehicles.

Product Features and Benefits

- Provides very high safety factor during driving at high speed in city and under heavy load in hilly region.
- Provides excellent protection against corrosion to iron, non-ferrous metals and zinc alloys.
- Excellent lubricity to ensure lubrication and adequate protection to all clutch and brake system components
- Good viscosity control over wide temperature range facilitates quick and smooth response
- Good chemical stability ensures long trouble free service life
- It gives long service life due to excellent oxidation stability.

Applications

- BLAZOL BRAKE FLUID is designed for use in modern brake system of automotive vehicles operating in heavy duty conditions. It is also recommended for mining , construction , agricultural equipment and various hydraulic brake systems including disc type.

Segment : BRAKE OILS

Performance Standards

- SAE J 1703
- US federal standard 116 DOT 3
- IS : 8654 – 2001 Type I

Typical Physical Characteristics

Characteristics	Blazol Brake Fluid
Viscosity CST @ 100 DEG C	Min: 1.5
CST @ (-) 30 DEG C	1300 - 1500
Equilibrium Reflex Boiling Point (ERBP) Deg. C	Min. 205
Test for Effect on Rubber	Passes The Test
pH Value	7.0 to 10.0
Appearance	Clear Homogeneous Lique

Packing

250 ml, 100 ml.



Quick Start 2T (Jaso FC)

BLAZOL QUICK START 2-T is a super premium lubricant specially designed with LOW SMOKE TECHNOLOGY for use in 2 stroke, motorcycles and scooter. This oil is manufactured from selected low carbon foaming base oil and fortified with a non-metallic, ashless detergent dispersant additive and rust inhibitors to provide maximum engine protection during storage and minimize spark plug fouling, pre ignition, ring sticking and combustion chamber deposits

Product features and Benefits :

- Unique detergent additive system helps to remove carbon deposits from the engine surface.
- Formulated using LOW SMOKE TECHNOLOGY which reduces exhaust smoke
- Reduces exhaust port blockage, emits low smoke and facilitates easy start.
- Reliable running conditions with minimum engine maintenance.

Applications

- BLAZOL QUICK START 2T is recommended for lubrication of scooters, autorickshaws, motorcycles and mopeds operating on two stroke engines. Also suitable for small engines used in sprayers, lawn movers, pumps, small generators.

Segment : MCO

Performance Standards

- JASO FC
- API TC



Typical Physical Characteristics

Characteristics	Quick Start 2T
Kinematic Viscosity, cst@40 °C	55-60
Kinematic Viscosity, cst@100 °C.	6 to 7
Pour Point, °C, max.	-12
Flash Point, COC, °C, min	70
SULPHATED ASH % WT	0.094

Packing

210 Ltr, 50 Ltr, 1 Ltr, 500 ml.

Storm Synth15W50 (API SM)

BLAZOL STORM Synth 15W 50 is premium quality motor cycle engine oil made to cater to the highly demanding lubrication requirements of modern 4-Stroke geared bikes. STORM Synth 15W 50 provides superior protection for engine, clutch and gears of the high powered Motor Cycles, especially those with engine displacement of 350 cc and above.

Product Features and Benefits

- Superior thermo-oxidative stability minimizes deposits & sludge build-up and reduces oil thickening, thereby facilitating extended oil life
- Controlled frictional properties eliminate clutch slippage leading to increased power/ fuel economy and improve drivability.
- Exceptional antiwear properties protect vital engine and gear components leading to reduced maintenance costs
- Excellent thermal and oxidation stability for heavy duty application
- Effective rust and corrosion inhibition property ensures longer life of critical engine components.

Application

STORM Synth 15W50 is recommended for all the models of geared 4-Stroke bikes manufactured by Royal Enfield, viz. Thunderbird 500, Thunderbird 350, Classic Desert Storm 500, Classic 500, Classic 350, Bullet Electra Twinspark, Bullet 350 etc.

Performance Standards

- API SM
- JASO MA2

SEGMENT : MCO

Typical Physical Characteristics

Characteristics	STORM SYNTH 15W50
Kinematic Viscosity, cst@100 °C	16-19
Viscosity Index, min.	153
Pour Point, °C, max.	-30
Flash Point, COC, °C, min	242
TBN, mg. KOH/gm.	7 to 9

Packing

210 Ltr, 50 Ltr, 2.5 Ltr.



Blazol Gear SYNTH 75W90 (API GL-5)

BLAZOL GEAR SYNTH 75W90 is a premium, synthetic, heavy duty, multi-grade gear lubricant that meets API GL-5 service. It provides excellent cold weather performance, outstanding stability under higher than normal operating temperatures, and substantial load carrying ability for cooler operation and longer equipment life. It is ideal for severe service environments and customers who want to extend service intervals.

Product Features and Benefits

- Increased load-carrying capability provides outstanding protection against low-speed/high torques wear.
- Excellent thermal and oxidation stability helps extend gear and bearing life
- Excellent rust and corrosion protection reduces wear and prolongs component life.
- Good anti-foam behavior maintains film-strength for reliable lubrication
- Provides excellent low temperature protection.
- Enhanced friction reduction properties improves fuel economy.

Applications

- Recommended for use in drive axles of passengers car & LCVs operating under a very wide range of temperature conditions and requiring the use of API GL-5 performance gear oil.

Segment : Gear Oils

Performance Standards

- API GL-5
- API MT-I



Typical Physical Characteristics

Characteristics	GEAR SYNTH 75W90
Kinematic Viscosity, cst@100 °C	14-16
Viscosity Index, min.	195
Pour Point, °C, max.	-30
Flash Point, COC, °C, min	225

Packing : 210 Ltr, 50 Ltr, 2.5 Ltr, 1 Ltr.

Stallion Synth 5W30 (API SN/CF) & Rapid Synth 5W40 (API SN)

BLAZOL Synthetic range of 5W30 and 5W40 is Formulated from synthetic technology base oil, high performance additive systems and leading edge viscosity index improvers it meets the requirement of the current advanced top-tier engine oil grades of API SN/CF and ILSAC GF-5. It is optimized to provide complete engine oil performance especially for fuel efficiency, reducing friction loss and durability.

Product Features & Benefits

The wide temperature range capability of the synthetic technology base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation.

- Reduced piston blow-by gas with the oil's cleanliness effect could maintain engine power
- Maintaining engine cleanliness with its prevention of engine sludge forming will extend engine service life
- Outstanding valve train protection by maintaining lubricity in high temperatures will minimize wear and extend engine life
- Excellent oxidation resistance and low volatility will extend oil drainage interval.

Performance Standards

Meets API SN/ACEA-A3/B4 requirements.

Segment : PCDO and PCMO

Applications

Recommended For use in modern day high performance cars running on Petrol /Diesel / CNG like Tata Motors, Hyundai Motors, Maruti, Datsun, Renault, Volkswagen, Skoda, Honda, Nissan , Toyota, Mercedes, BMW, Ford etc.

Typical Physical Characteristics

Characteristics	Stallion Synth 5W30	Rapid Synth 5W40
Appearance	Clear & Bright	Clear & Bright
Kinematic Viscosity, cST@100°C	10.5-12.5	11.5-13.5
Viscosity Index, Min.	150	155-170
Flash Point, COC, °C, Min.	210	230
TBN, MG. KOH/gm.	7-8	8-10
POUR POINT, °C min.	- 35.	- 35

Packing : 210 Ltr, 50 Ltr, 7 Ltr, 3.5 Ltr, 3 Ltr, 1 Ltr.



Powertron Synth 10W40 (API SN/CF)

BLAZOL POWERTRON SYNTH 10W40 (API-SN/CF) is Formulated from Synthetic Technology base oil, high performance additive systems and leading edge FRICTION improver, which meet the requirement of current advanced top-tier engine oil grade of API SN/CF. It is optimized to provide complete engine oil performance especially for fuel efficiency, reducing friction loss and durability.

Product Features and Benefits

- Longer oil change periods thanks to its high resistance to oxidation that permits less oil deterioration.
- The synthetic bases and additives used minimize wear, maintaining a resistant lubricating film during the entire period of use of the oil, guaranteeing longer durability of the engine.
- Minimum oil consumption due to its low volatility compounds. The studies that have been undertaken allow quantifying up to 30% less losses than other competing brands
- Strong protection against wear, corrosion and foaming

Applications

Recommended for Petrol engines and for naturally aspirated Diesel engines of passenger cars and light commercial vehicles that requires API SN/CF performance.

Segment : PCDO

Performance Standards

API SN/CF

JASO T 903:2016 MA2



Typical Physical Characteristics

Characteristics	POWERTRON 10W40
Kinematic Viscosity, cst@100 °C	14-16
Viscosity Index, min.	150
Pour Point, °C, max.	-28
Flash Point, COC, °C, min	235
TBN, mg. KOH/gm.	10 to 12

Packing

210 Ltr, 50 Ltr, 7 Ltr, 3.5 Ltr, 3 Ltr, 1 Ltr.

Primo Plus 20W40 (API CF-4)

Primo Plus is a high quality performance multi-grade engine oil meeting API CF-4 performance requirements, formulated from selected base oils and comprising of antioxidant, detergent /dispersant, antiwear and a special oil soot thickening control agent to give optimum performance in modern and heavy duty diesel engines.

The multi-graded version provides ease of engine starting in low temperature conditions and increase engine durability maintaining viscosity even during high operating temperatures.

Product Features and Benefits

- Provides excellent protection against high temperature, engine deposits, ring groove carbon, piston and bearing lacquer, top deck and crankcase sludge.
- High oxidation stability protects against formation of gums, varnish and resist oil thickening and filter plugging for longer drain period.
- Overall outstanding performance accounts to fuel saving and prolonged engine life.
- Excellent performance up to 300 hours in tractors and 18,000 km in truck and buses

Applications

- Commercial road transport and off-highway vehicles applications
- New generation's automotive vehicles.
- Recommended for use in tractors manufactured by Eicher, Escorts, HMT, John Deere, M&M, New Holland, Sonalika, Swaraj, TAFE and commercial vehicles manufactured by Eicher, M&M, Swaraj, Tata Motors, etc and other applications where such type of oil is specified.

Precautions

- Always change filter when changing engine oil.

Performance Standards

- API CF-4
- IS-13656 - 2002

Typical Physical Characteristics

Characteristics	20W40
Kinematic Viscosity, cSt @ 100°C	12-16.5
Viscosity Index, min.	116
Pour Point, °C, max.	-8
Flash Point COC, °C min.	230
TBN, mg. KOH/gm.	9-12

Packing

210 ltr, 50 ltr, 20 ltr, 10 ltr, 7.5 ltr, 6 ltr, 5 ltr, 3.5 ltr, 1 ltr, 500 ml



Jet Plus 20W50 (API SM) & Josh 20W50 (CNG)

Blazol Jet Plus 20W50 & Josh 20W50 (CNG) has been formulated from high quality paraffinic base oils having a good oxidation stability and high viscosity index. The incorporation of selected detergent, dispersant, anti-oxidant, anti-corrosive, anti-scuffing and anti-wear additives imparts the desired protective properties to the product for prolonged engine life. It provides an ease of cold starting and higher viscosity at operating temperatures for better engine protection and reduced oil consumption.

Jet Plus possesses exceptional nitration resistance properties which is suitable for engines operating with dual fuel kit CNG.

Product features and Benefits:

- Excellent oxidation stability
- Protects against nitrate formation.
- Low ash contents reduce formation of sludge in the engine.
- Suitable for all seasons.
- Quicker engine start & longer battery life.
- Increased fuel efficiency.

Applications

- Highly Recommended for use in Petrol, LPG & CNG engines of new generation passenger cars of all major manufacturers, including Ford, General Motors, Honda, Hyundai, Mahindra & Mahindra, Maruti Suzuki, Nissan, Renault, Tata Motors, etc and other applications where such type of oil is recommended.
- Also recommended for optimum performance in the high-end 4 stroke bike models of major manufacturers including Hero, Bajaj, Yamaha, Honda & TVS where 20W-50 oil is recommended.

Performance Standards

- API SF / CD
- IS 13656 - 2002
- ACEA A2/B2
- API CF/SF



Typical Physical Characteristics

Characteristics	20W50
Kinematic Viscosity, cSt @ 100°C	16.5-20
Viscosity Index, min.	122
Pour Point, °C, max.	-9
Flash Point, COC, °C, min.	233
TBN, mg. KOH/gm.	5-7.5

Packing

210 Ltr, 50 Ltr, 20 Ltr, 10 Ltr, 8.5 Ltr, 7.5 Ltr, 6 Ltr, 3.5 Ltr, 3 Ltr, 1 Ltr, 500 ml

Jet Star GOLD 15W40 (API - CI4 Plus)

Jet Star Gold SAE 15W-40 is very high performance diesel engine oil formulated with advanced additive technology to provide outstanding wear protection, soot control and bearing corrosion protection to meet **API CI-4 Plus** Specification. Outstanding soot dispersancy protects against abrasive wear and soot-induced oil thickening, and ensures good low-temperature pumpability even with soot-laden oil. High dispersancy-detergency and a high alkaline reserve (TBN) provide extra protection in extended drain or severe service intervals, and in EGR-equipped engines.

Product Features & Benefits

- Unique dispersant and Detergent technology (UDD) with premium Group II base oils, provide advanced
- The extended TBN reserve enables extended drain interval capability and the high viscosity index res
- Very low oil consumption and hence increased drain interval.
- Extremely good soot handling capacity.
- Better engine protection and durability

Applications

JET STAR GOLD 15W-40 CI4 Plus Engine Oil is recommended for high performance engines of Turbo charged & Naturally charged with EGR (Exhaust Gas Re-circulator), Diesel Gen-Sets, Engines operating under heavy load for construction machinery and farm equipments

Is recommended for most Heavy Earth Moving Machinery engines types found in construction and mining equipment.

Performance Standards

- Exceeds API-CI4 Plus
- ACEA E7-08

Typical Physical Characteristics

Characteristics	15W40
Kinematic Viscosity, cSt @ 100°C	14.5-17.5
Viscosity Index, min.	135
Pour Point, °C, max.	-24
Flash Point, COC, °C, min	210
TBN, mg. KOH/gm.	9.5-12.5

Packing

210 Ltr, 50 Ltr, 20 Ltr, 15 Ltr, 10 Ltr, 8.5 Ltr, 7.5 Ltr, 7 Ltr, 6 Ltr, 5 Ltr, 3.5 Ltr, 3 Ltr, 1 Ltr



Jet Star Turbo 15W40 (CH-4) & Auto Maxx 15W40 (CF-4)

Blazol Jet star turbo and Auto Maxx is super premium heavy duty diesel engine oil designed to meet the warranty requirements of most manufacturers of diesel engines specially developed for new generation heavy duty super and turbocharged diesel engine driven HCV's.

This motor oil is a blend of base oils and specially selected additives designed to provide excellent performance in all recommended applications. Contains effective detergent-dispersant to keep sludge and varnish deposits to a minimum. Additionally fortified with oxidation-corrosion inhibitors.

Product features and Benefits

- High viscosity index provides effective lubrication at operating temperatures.
- Innovative additive chemistry controls soot thickening & soot induced wear ensuring better protection of fine tolerance components, resulting in engine durability.
- High shear stable viscosity index improver provides excellent viscosity control preventing excessive thickening of oil to maintain its 15W-40 viscosity throughout the service interval offering 'stay in grade' performance which provides improved engine protection.

Applications

- Recommended for use in all naturally aspirated and turbocharged diesel engines fitted in trucks, tractors, buses, goods carriers (LCVs), off-highway equipment, 3-wheelers and gensets.
- Recommended for commercial passenger vehicle i.e Bajaj Auto, TATA Ace, Ape Piaggio, Alfa auto, Maruti van
- Jet Star Turbo 15W40 is a high performance long drain diesel engine oil specially formulated for turbocharged engines meeting Euro III / Euro IV emission norms. Recommended for use in heavy commercial vehicles manufactured by Tata Motors, Ashok Leyland, Volvo Eicher, Mercedes Benz, MAN Force, AMW and Mahindra Navistar.

Performance Standards

- API CH-4
- IS 13656 - 2002
- API CF-4

Typical Physical Characteristics

Characteristics	15W40	15W40 CF-4
Kinematic Viscosity, cSt @ 100°C	13-17.5	13-16.5
Viscosity Index, min.	121	130
Pour Point, °C, max.	-10	-10
Flash Point, COC, °C, min	210	210
TBN, mg. KOH/gm.	11-14.5	10-13.5

Packing

210 Ltr, 50 Ltr, 20 Ltr, 15 Ltr, 10 Ltr, 8.5 Ltr, 7.5 Ltr, 7 Ltr, 6 Ltr, 5 Ltr, 3.5 Ltr, 3 Ltr, 2.5 Ltr, 1 Ltr



Gear Protector EP 90, 140, 80W90, 85W140

Gear Protector is a premium quality gear oil EP type GL-4 and GL-5 which are blended from group I & group II base oils having high viscosity index & good oxidation stability. These oils are formulated with highly base stocks and antifoam additive package. Suitable for manual transmissions, spiral bevel and worm axles and all gearing systems used in automotive and off-the-road equipments, operating under mild-service conditions of low unit pressure and sliding velocities.

Product Features and Benefits

- Excellent thermal and oxidation stability.
- Excellent resistance to degradation at high temperatures.
- Superb protection micro pitting fatigue wear as well as high resistance to traditional scuffing wear.
- Prevent scuffing and scoring of gears.

Applications

- Recommended for gearboxes of Cars, Trucks, Bus, LCVs, and heavy duty automotive vehicles & off the road equipments.
- API service GL-5 gear oil should be used only where recommended by OEM.

Performance Standards

- API GL-4
- API GL-5
- IS : 1118 - 1992

Typical Physical Characteristics

Characteristics	90	140
Kinematic Viscosity, cSt @ 100°C	17-20	28-34
Viscosity Index, min.	90	90
Flash Point, COC, °C, min	210	210
Pour Point, °C, max.	-9	-6

Characteristics	80/90	85W140
Kinematic Viscosity, cSt @ 100°C	13-16	24-28
Viscosity Index, min.	95	95
Flash Point, COC, °C, min	210	210
Pour Point, °C, max.	-15	-15

Packing

210 ltr, 50 ltr, 20 ltr, 10 ltr, 5 ltr, 2.5 ltr, 1 ltr, 500 ml



Hydro AW & Hydrex HLP

Blazol Hydro AW & Hydrex HLP Oil are Superior quality oil with high degree of wear protection designed from selected mineral base fluids and race-proven anti-oxidant, anti-wear, anti-rust and anti-foam additive technology to provide the highest level of protection & performance in a wide range of hydraulic applications, even where -anti wear hydraulic oils are generally recommended. It is available in a wide range of viscosities to meet a variety of design and operating requirements.

Product Benefits and Features

- Outstanding thermal and hydrolytic stability.
- Excellent demulsibility power and air release capability.
- Improved compatibility with seals and soft metals.
- Provides rust and corrosion protection.
- Exceptional resistance to oxidation and foaming provides extended oil, oil filter & equipment life.

Applications

- Recommended for high pressure hydraulic systems used in all industrial, marine, mobile and stationery equipments including construction vehicles, earth moving equipments, forklift and cranes.
- Also used for circulation system, compressor, pump bearing & gears of industrial machinery lubrication where recommended.

Performance Standards

- BIS : 10522 - 1983
- DIN 51524 - Part II

Typical Physical Characteristics

Characteristics	32	46	68
Kinematic Viscosity, cSt @ 40°C	30-35	44-49	63-72
Viscosity Index	97	97	97
Flash Point COC °C, Min.	200	210	210
Pour Point °C, Max	-2	-2	-2
Rust Test	Pass	Pass	Pass

Packing

210 ltr, 50 ltr, 26 ltr, 20 ltr, 10 ltr, 5 ltr,



WET BRAKE OIL (UTTO)

BLAZOL WET Brake oil (UTTO) is High Performance Hydraulic cum Transmission Oil. It is a special purpose Hydraulic and Transmission Oil designed to lubricate tractor transmissions, differentials and final drive gears. It also functions as a power steering, power brake, power take-off and implement drive fluid with sufficient friction and heat transfer characteristics to facilitate the efficient operation of tractor wet brakes and power take-off units.

Product Features and Benefits

- Widely used for Agricultural Tractors fitted with oil immersed Brakes.
- Adequate operating viscosity at all temperatures ensures lubrication efficiency
- Ensures noise-free operation of immersed brakes with its friction modifier technology
- Compatible with seal materials used in transmission systems

Performance Standards

- JDM :GL-4/J20C/D
- CATERPILLAR TO 2
- ALLISON C3 / C4
- M2C134 – A/B/C/D

Application

Blazol Wet Brake Oil is recommended as multifunctional hydraulic and transmission for almost all makes of tractors. It is also recommended for efficient operation of tractor wet brakes and Power take off units.

Recommended for Recommended for Tractors of Mahindra & Mahindra, Eicher, TAFE, SAME, Swaraj, Fiat, Massey Ferguson, Escorts, Powertrac, HMT, Ford & New Holland having wet brake systems & Immersed bake systems.

Typical Physical Characteristics

Characteristics	Wet Brake Oil
K. Viscosity @ 100°C	9.5 to 11.5
Viscosity Index D	140 min
Pour Point	-33 max
Rust Protection	No Rust

Packing

210 ltr, 50 ltr, 20 ltr, 15 ltr, 10 ltr, 5 ltr, 1 ltr



Spin TQ

Spin TQ oil is a red dyed shear stable automatic transmission fluid which is designed to impart anti-wear, anti oxidation, dispersancy, defoaming and desired friction characteristics. It's low co-efficient of friction permits clutch plates to engage slowly and gradually as the transmission shifts, its high viscosity index and low pour point provides excellent protection against viscosity breakdown ensuring extended transmission life. which meets Type A Suffix A specifications.

Product Features & Benefits

- Reduced oil thickening which maintain transmission efficiency.
- High thermal and oxidation stability.
- Provides smooth, chatter free clutch engagement keeping smooth automatic transmission operations.

Applications

- Automatic transmission fluid TQ is recommended for use in most automotive power shift transmissions, power steering and hydraulic units where GM type Suffix A specifications are required.

Performance Standards

Packing

- Type A Suffix A specifications. 210 ltr, 50 ltr, 20 ltr, 5 ltr, 1 ltr, 500 ml



Front Fork Oil

Application : Recommended for use in motorcycle forks and shocks for road, off-road and competition use. It provides protection against wear, corrosion and to minimise the effect of foam or air entrainment in the fork.

Features & Benefits : • Advanced mineral based fluid designed to provide the optimum dampening performance in suspensions over a wide temperature range. • Prolongs seal life by resisting premature hardening and glazing ensuring efficient fork operation. • Stays in-grade, maintaining consistent fork operation. • Assists in minimising corrosion and formation of rust. • Suppresses foam to ensure efficient dampening operation.

Appearance : Water White Colour

Packing : 175 ml, 350 ml



Diesel Exhaust Fluid (DEF)

BLAZOL Diesel Exhaust Fluid (DEF) designed specifically for modern integral selective catalytic reduction (SCR) NOx reduction system. The finished formulation is further to ensure maximum protection for internal SCR system components.

Performance Standards :

BLAZOL DEF meets ISO 22241-1 & AUS 32 specifications

Packing : 210 Ltr & 20 Ltr



BLUTECH 1,00,000 kms Grease

BLAZOL BLUTECH 100000 is a high performance lithium complex grease designed for lubrication of bearings of most automotive and industrial equipment. This grease is based on high quality mineral base fluid and superior lithium complex soap thickener fortified with excellent anti-oxidation, anti-rust and anti-wear additive systems. This greases provides long term protection to the rolling elements over a wide temperature range.

Product Features and Benefits

- Provides longer service life due to the presence of high quality mineral oil and a stable lithium complex thickener system
- Provides superior protection to the rolling elements against rust and wear
- Good oxidation stability and resistance to water wash out at a relatively higher temperature.
- Good load carrying capacity with anti weld and anti seizure properties.
- Possesses outstanding rust and corrosion resistant properties.
- Drain interval upto 1,00,000 km under ideal rated conditions

Applications

BLUTECH 100000 is a Premium, formulated for suitability for wheel bearings of passenger cars, farm equipments, off and on-highway commercial vehicles and new generation multi-axle trucks for long haul service.

Segment : GREASES

Performance Standards

- NLGI 3

Typical Physical Characteristics

Characteristics	BLUTECH 100000
Appearance	Blue
Consistency of worked grease @ 25° C, after 60 Strokes, 0.1 mm units	236
Drop Point, °C, min.	>270
Soap Type	Lithium complex
Structure	Smooth & Tacky

Packing : 180 kg, 18 kg, 7 kg, 5 kg, 3 kg, 2 kg, 1 kg.



Dynamite Long life Jelly & Energy AP-3 Grease

It is a premium quality lithium soap based all purpose grease fortified with mild EP additives. It is specially formulated to enhance re-lubrication interval, upto **45,000** km under ideal road condition. It is good thermal, chemical and structural stability including water wash out properties. It provides excellent lubrication and protection to the bearing parts over a wide temperature & pressure range, under normal as well as adverse mechanical conditions.

Product Features & Benefits

- Lubricates and protects the components for a longer period.
- Excellent structural stability.
- High load carrying capacity.
- Antirust and corrosion capabilities.
- Superior tackiness.
- Optimum lubrication, even under adverse mechanical conditions.

Applications

- Lubrication of plain as well as anti-friction bearings in automotive, earth moving equipment, mining equipment and general industrial machineries.
- Heavy duty ball and roller bearings of steel rolling mills, operating under adverse conditions.
- Universal joints and spline shafts working under heavy torque or with acute transmission angles.
- Suitable for bearings operating at temperature up to 150° C.

Precaution

- This grease is compatible only with lithium base grease. Sealed bearings should be thoroughly cleaned before using greases described in this product bulletin.

Performance Standards

- IS 7623 - 1993
- NLGI - 3 Specification

Typical Physical Characteristics

Characteristics	AP-3 Grease	Long Life Grease
Appearance	Light Yellow	Red
Consistency of worked grease, @ 25±0.5°C, 0.1 mm units (60 double strokes)	220-250	220-250
Drop Point, °C, min	190	190
Soap Type	Lithium	Lithium
Structure	Smooth & buttery	Smooth & buttery

Packing

180 kg, 18 kg, 7 kg, 5 kg, 3 kg, 2 kg, 1 kg, 500 gm, 200 gm, 100 gm



Wheel bearing

BLAZOL Wheel Bearing Grease is heavy duty sodium based soap automotive grease formulated with tailor-made fats mineral oil and selected additives to ensure good stability and load bearing capacity under the most severe conditions. BLAZOL Wheel Bearing Grease does not melt even at extended hauling, where other greases are likely to flow out of wheel bearing hubs.

Application

BLAZOL Wheel Bearing Grease is recommended for use in automotive front and rear wheels roller bearings of heavy, medium and light motor vehicles

Appearance :

Dark Green & Fibrous

Packing :

180 kg, 18 kg, 1 kg, 500 gm.



SUPER MP3 Grease

Super mp-3 grease is a complex based grease made from high quality base oils and thickening agents. It is formulated to provide added protection against rusting and water washout in general purpose automotive applications at moderate temperature and load. It has Excellent structural stability and Good pumpability in centralised systems.

Application :

Recommended for all types of chassis lubrication requirements such as ball joints, suspensions, steering gear systems, plain bearings, bushings and pins in automotive chassis assemblies.

Appearance :

Cremish White



Packing

180 kg, 18 kg, 5 kg, 3kg, 2 kg, 1 Kg & 500 gm

Coolant 1:4 & 1 :9

Blazol Long Life Coolant is a heavy duty automotive Radiator coolant for use in all types the latest Passenger vehicles, commercial vehicles and Off-High Earth moving Machinery. This radiator coolant is made from synthetic base and is blended with selective Anti-Corrosion package. It meets ASTM-D 1384/2570 performance.

- Aids rapid heat removal facilitating excellent heat transfer, ensuring optimum engine cooling and longer engine life.
- Anti-rust shield protects engine interior surfaces against rust and corrosion and also helps maintain engine interior cleanliness.
- Facilitates water pump greasing and lubrication for longer life.
- High Boiling point & low freezing point ensures all weather operation
- Ensured quick start of the engine all round the year even in winter thus saving fuel

Performance level

- ASTM –D 1384/2570
- JISK -2234

Directions For Use

- To prepare coolant, dilute 1 part of Long Life 1 : 4 with 4 parts of distilled water
- For Heavy application dilute 1 part of Long Life Coolant 1 : 9 with 9 parts of Distilled water.



BLAZOL PUMPSET OIL

BLAZOL Pump Set Oil is heavy duty Pump Set Oils manufactured from Premium base oils. It has special additive to provide anti-corrosion protection to engine internals during ideal periods. This engine oils is designed for both compression- ignition and spark- ignition type engines.

Performance Standards : SAE 40

Application :

Recommended for all types of Pump-sets. The product is also suitable for other Agricultural and Farm Equipment like Tractors, Power tillers, harvesters etc.

Packing :

210 Ltr, 50 Ltr, 20 Ltr, 3.5 Ltr, 2 Ltr. 1.2 Ltr.



Range of Blazol

Industrial & Speciality Lubricants

- Air Compressor Oils
- Cutting Oils
- General Purpose Engine Oils
- General Purpose Machinery Oils
- Heat Transfer Fluids
- Hydraulic Oils
- Industrial Geal Oils
- Multigrade Diesel Engine Oils
- Quenching Oils
- Rust Preventive Oils
- Textile Oils
- High Temperature Greases
- Industrial Greases
- Lithium Complex Grease
- Pumps Set
- Thermic Oil and many more...



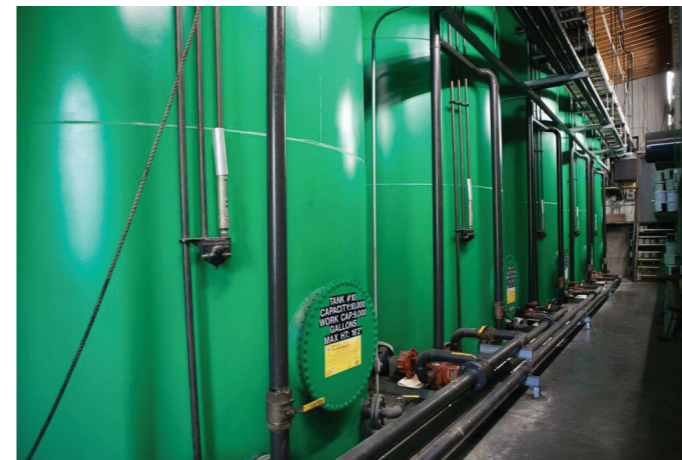
Raw Materials Storage Tank



R & D Center



Ready Goods Storage Tank



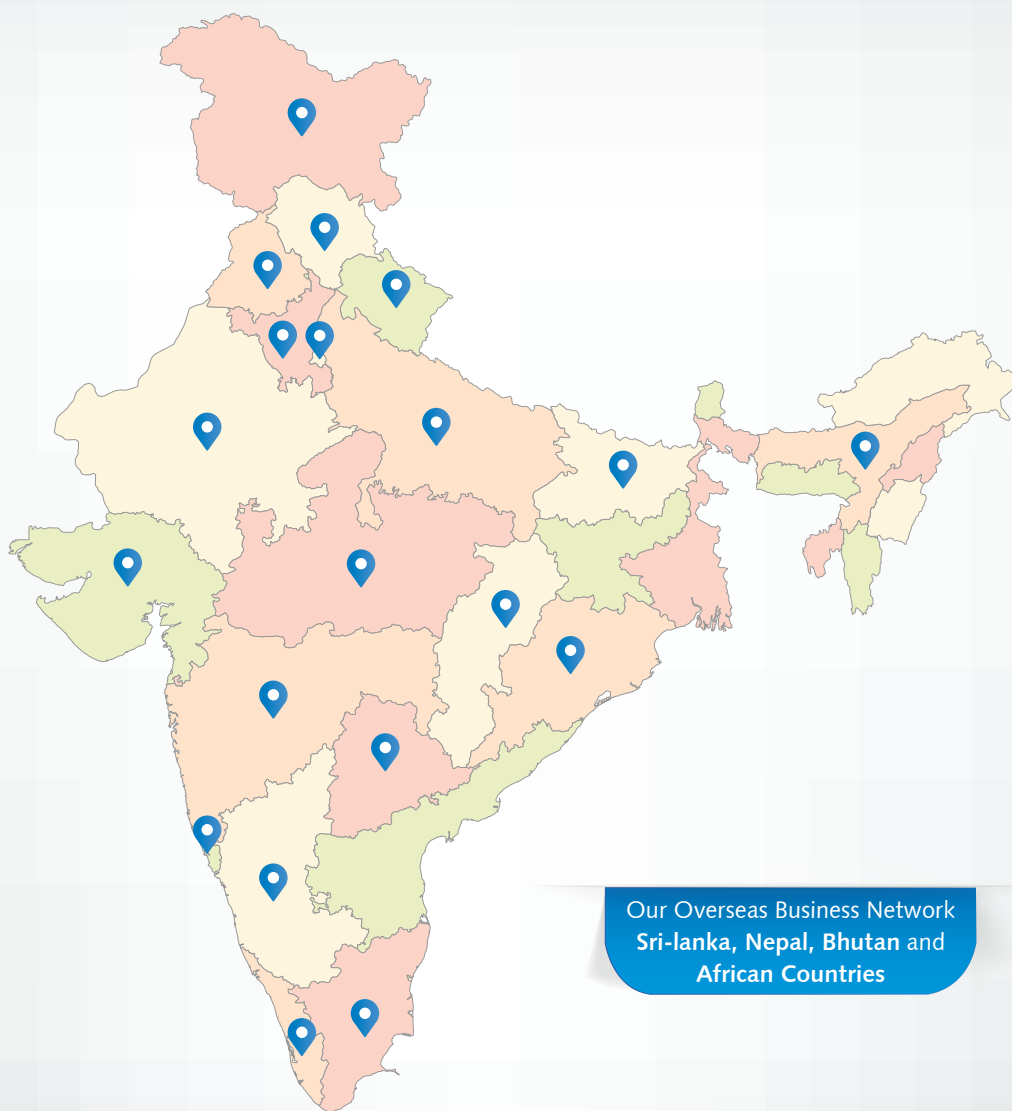
Processing Unit (Reactor)



Fully Automatic Filling & Packing Unit



Blazol Distribution Network All Over India



Mfg. & Packed in India by:



PETROCHEM PVT. LTD.

An ISO 9001:2015 Certified company

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