





APAR INDUSTRIES LIMITED

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Lubricants



About Apar Industries Ltd:

APAR Industries was started in 1958, in India. Over 60 years later, we have grown into a diversified billion dollar company, and expanded to over 140 countries as a highly trusted manufacturer and supplier of conductors, a wide variety of cables, speciality oils, polymers and lubricants. At APAR, we have been able to excel at what we do because of who we are: relentless innovators who are constantly pushing ourselves to discover, perfect and deliver tomorrow's solutions today.

Largest global aluminium & alloy conductor manufacturer

2 rd Largest global manufacturer of transformer oils

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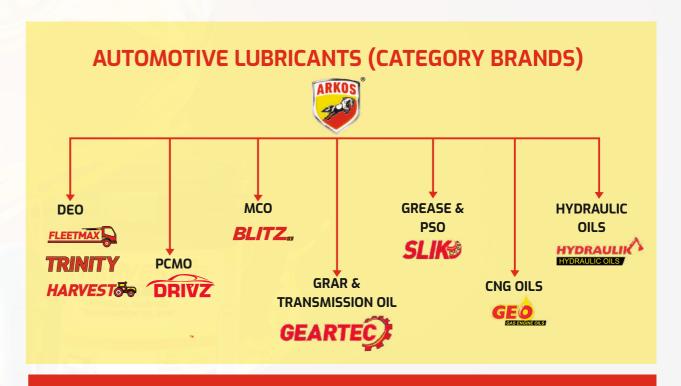
Largest manufacturer in India for special application cables



About Arkos:

A brand of PSPL Singapore, offers world-class, technically advanced, innovative and affordable mobility solutions.

Products Portfolio: - Automotive lubricants for 2 wheelers, 3 wheelers, Passenger cars, LCVs, HCVs, Earthmoving equipment, Agricultural Equipment's, etc. 2 wheeler batteries, 2 wheeler tyres.





MOTORCYCLE OILS



BLITZ 500

BLITZ 500 is engine oil designed from a combination

of high quality mineral base stocks with high performance additives to exceed the severest performance requirement of engine and gear lubrication in 4-stroke motorcycles.

Benefits: The superior base oil imparts excellent Thermal & Oxidation stability and does not allow the oil to deteriorate even in high operating temperatures. • The unique additive package ensures improved clutch performance enhancing drive feel. • Meets VTM requirement of API SM and JASO Ma2. • Excellent anti-corrosion, anti-rust, anti-foaming properties. • Super Multi-grade 20W-40 viscosity supports in wide operating range.

RECOMMENDED FOR LUBRICATION OF ALL NEW GENERATION FOUR STROKE MOTORCYCLES FROM HERO, BAJAJ AUTO, TVS MOTORS, SUZUKI, HONDA, YAMAHA, MAHINDRA, LML ETC.

Specifications: Meets requirements and specifications of SAE 20W-40. API SM, JASO Ma2 ii. Available Grades - 20W-40, 10W-30 & 20W-50

Highlights:

Better Clutch Engagement. N Heat Shield Technology. **Available in pack sizes :** 210 L, 55 L, 1 L. & 900 ml.





BLITZ Scooter

ARKOS Blitz Scooter is a unique engine oil based on synthetic technology with superior additives to exceed the highest performance requirements of new generation 4-stroke-scooters.

Benefits: Exceeds the requirements of JASO MB.

H-Protek Formula ensures excellent protection as it does not deteriorate even in high operating temperatures.

Significant reduction in fuel consumption.

RECOMMENDED FOR LUBRICATION OF ALL NEW GENERATION 4-STROKE SCOOTERS OF HERO MOTORS, SUZUKI, HONDA SCOOTERS, YAMAHA, MAHINDRA, TVS ETC HAVING A DRY CLUTCH

Specifications: • Meets requirements and specifications of SAE 20W-40. API SM, JASO Ma2 • Available Grades – 20W-40, 10W-30 & 20W-50

Highlights:

Better Fuel Economy. N Heat Shield Technology.

Available in pack sizes: 0.8L



Blitz 3000

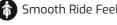
I. Available Grades & Pack Size – 15W-50 API SN JASO MA2 – 1LTR & 2.5LTR ii. 20W-40 API SN JASO MA2 - 900 ML & 1LTR

A top of the line four stroke motorcycle engine oil to meet the stringent demands of high-performance motorcycles. The engine oil is specially formulated using Synthetic Technology base stocks and additive technology to provide outstanding engine cleanliness, wear protection and unsurpassed performance during severe operating conditions.

Benefits: · Maximizes power output because of better engine performance. · The Base oil combination provides excellent thermal and oxidation stability ensuring higher oil drain intervals. · Advanced formulation ensures improved clutch performance enhancing smooth ride feel. • The Oil ensures excellent wear protection for transmissions as well. • The superior Base oil provides high evaporative stability thus ensuring lower oil consumption.

RECOMMENDED FOR ALL NEW GENERATION MOTORCYCLES WHERE SAE 15W-50 & 20W-40 AND API SN WITH JASO MA2 PERFORMANCE LEVEL IS

Highlights: Improved Clutch Engagement Smooth Ride Feel Available in pack sizes: 20W-40 > 900ml, 1L





PASSENGER CAR **MOTOR OILS**



DRIVZ 1000

High quality engine oil designed for crankcase lubrication of petrol engines. The oil is developed from high quality solvent refined base oils with specially selected additive package and shear stable viscosity index improvers, imparts excellent engine protection. The engine oil protects engines against sludge, contamination and thermal breakdown under severe service conditions.

Benefits: • Offers excellent protection during start-up. • Offers extended life of moving components by reducing wear. • Excellent sludge protection. • Very good thermal and oxidation stability. • Shear Stable Viscosity Index maintain 'stay in grade' characteristics.

RECOMMENDED FOR USE IN CARS LIKE MARUTI, HYUNDAI, TATA, FORD, FIAT ETC.

Specifications: Meets specifications of API SJ / CF.

Highlights:

S Long life for engine

Suitable for all weather conditions.

Available in pack size: 3 L.





DRIVZ 1500

Top performance fuel economy engine oil for every type of passenger car engine operating under severe conditions. Developed using Synthetic technology base oils and high performance additives which aids in longer engine life, higher drains and fuel economy. Exceeds highest performance standards stipulated for crankcase lubricant of petrol engines.

Benefits: Low viscosity and low friction characteristics ensures very good fuel Economy. • Extended drain intervals. • Reduced oil consumption. • Enhanced all round engine protection.

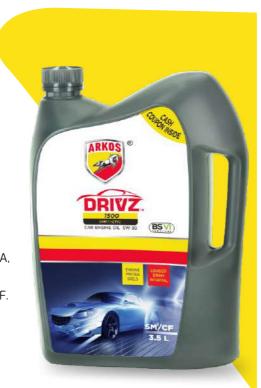
RECOMMENDED FOR USE IN ALL NEW GENERATION CARS AND MULTI UTILITY VEHICLES MADE BY OEMS LIKE MARUTI, HONDA, TOYOTA, GENERAL MOTORS, SKODA,

Specifications: Meets the requirement and specifications of SAE 5W-30, API SM/CF.

Highlights:

Engine Protect - Shield. S Longer drain interval.

Available in pack size: 3.75 L.





DRIVZ 3000

5W-40 API SN

Pack Size - 3.5 L

ARKOS DRIVZ 3000 is a high-quality engine oil

designed for modern cars with Petrol & Diesel engines. Designed from Synthetic Technology Base oils and high-performance additive package, the oil is formulated to keep the engine running smoothly, even in most severe operating conditions. The combination of base oil and additives ensures that the product provides optimum power, superior performance, better fuel efficiency, better engine protection. The engine oil is recommended for use in all new generation cars and Multi utility vehicles made by various OEMs in India, where a SAE 5W-40 and API SN, ACEA A3/B4 performance level is recommended. h.

Benefits: • Better Fuel Economy. • Extended drain intervals. • Reduced oil consumption. • Enhanced all round Engine protection. • Excellent protection against sludge combustion contamination.

Highlights:

Tengine Protect - Shield. Enhanced fuel efficiency

Available in pack sizes: 3.5 L



DRIVZ 2000

15W-40 API CI4+/SL

Top-performance engine oil for every type of passenger car diesel engine, operating under severe conditions. The engine oil developed using superior quality base oils with high-performance additives to aid in longer engine life, higher drains and better fuel economy.

Benefits: • Multi-grade property ensures good protection during all seasons. • Extended drain intervals. • Reduced oil consumption. • Enhanced all-round Engine protection.

RECOMMENDED FOR USE IN ALL NEW-GENERATION DIESEL ENGINE CARS AND MULTI-UTILITY VEHICLES MADE BY OEMS LIKE MARUTI, HONDA. TOYOTA, GENERAL MOTORS, SKODA, HYUNDAI ETC.

Specifications: Meets the requirement and specifications of SAE 15W-40, API CI-4 PLUS/SL.

Highlights:

Engine Protect - Shield. S Longer drain interval.



Available in pack size: 3.5 L, 5 L



3 WHEELER **ENGINE OIL**



TRINITY 500

TRINITY 500 is multi-grade diesel engine oil blended from premium quality base oils and treated with additives to impart superior properties. Can be used for both naturally aspirated engines as well as turbocharged engines under all operating conditions. Also recommended for transmission of 3 wheelers.

Benefits: Engine Clean Additives ensure high engine cleanliness. • Maximum protection from engine wear and deposits.

- Improved oil consumption. Quick-Start Formula for easy cold start.
- Very good anti-rust and anti-corrosion properties.

RECOMMENDED FOR USE IN ALL ULTRA LCVS MANUFACTURED BY BAJAJ AUTO, TVS MOTORS, PIAGGIO, ATUL AUTO,

MAHINDRA ETC.

Specifications: Meets the requirements of API CF-4.

Engine Clean Additives. 🔁 Quick-Start Formula. 💊

Available in pack sizes: 2.75 L & 1 L.





Arkos GEO

ARKOS GEO is blended from premium quality base stocks and special selected additive package. The special formulation ensures very good Oxidation, Nitration and thermal stability to minimize combustion chamber ash deposits.

BENEFITS: • Very good control on Oxidation & Nitration. • Keeps engine parts clean ensuring smooth engine operation. • Improved wear protection. · Viscosity suitable for use in high temperature operations. · Designed specifically for Environment friendly fuels.

Highlights:

EXCELLENT OXIDATION NITRATION CONTROL.

Availability in pack sizes: - 3 L, 1 L





FLEETMAX 1500

FLEETMAX 1500 is a new generation multipurpose diesel engine oil, exceeding the requirements of naturally aspirated and turbocharged engines. The oil is designed for the most severe performance requirements of modern highly rated turbocharged engines for on-road transport fleet operations and off-highway operations. The special formulation offers protection against high temperature engine deposits, oil degradation, oil thickening and corrosion.

Benefits: • Protection against deposits and wear in turbo-charged and non turbo-charged engines. • Engine Clean Additives ensure enhanced piston cleanliness. • Quick Flow Technology for high performance under extreme load and terrain conditions. • Improved control on oil consumption.

RECOMMENDED FOR USE IN HCVs & LCVs MANUFACTURED BY TATA MOTORS, ASHOK LEYLAND, AND EICHER MOTORS ETC. IT IS ALSO RECOMMENDED FOR ULTRA LCVS MANUFACTURED BY TATA MOTORS, MAHINDRA ETC. RECOMMENDED FOR STATIONARY DG SETS WHERE OILS MEETING API CF-4 SPECIFICATION IS DESIRED.

Specifications: Meets the requirements of API CF-4 / SG. ACEA A2 / B2. MB 228.1, VOLVO VDS, MAN 271, MACK EO/K-2.

Available in pack sizes: 210 L, 55 L, 15 L, 1 L, 0.5 L







Highlights: Engine Clean Additives. Quick Flow Technology.



DIESEL ENGINE OILS TO



Arkos Fleetmax 1000

FLEETMAX 6000 is developed with high performance base oils and a superior additive package to meet the stringent performance requirements of most modern diesel engines fitted with EGR in commercial & mining applications.

BENEFITS: • Protection against deposits and wear in turbo-charged and non turbocharged engines. • Engine Clean Additives ensure enhanced piston cleanliness. • Quick Flow Technology for high performance under extreme load and terrain conditions. • Improved control on oil consumption.

RECOMMENDED FOR USE IN HCVs & LCVs MANUFACTURED BY TATA MOTORS, ASHOK LEYLAND, AND EICHER MOTORS ETC. IT IS ALSO RECOMMENDED FOR ULTRA LCVS MANUFACTURED BY TATA MOTORS, MAHINDRA ETC. RECOMMENDED FOR STATIONARY DG SETS WHERE OILS MEETING API CF-4 SPECIFICATION ARE DESIRED.

Specifications: Meets the requirements of API CF-4 / SG, ACEA A2 / B2, MB 228.1, VOLVO VDS. MAN 271. MACK EO/K-2.

Highlights: S ENGINE CLEAN ADDITIVES. QUICK FLOW TECHNOLOGY. Availability in pack sizes: 210 L, 50 L & 1 L





FLEETMAX 6000

FLEETMAX 6000 is developed with high performance base oils and a superior additive package to meet the stringent performance requirements of most modern diesel engines fitted with EGR in commercial & mining applications.

Benefits: • Soot and Sludge Handling formula prevents soot and sludge formation, extending oil drain intervals. • Enhanced Drain Interval Formula reduces oil consumption, minimising operating costs. • Enhances protection against thermal breakdown ensuring optimum lubrication at elevated temperatures. • Increases engine life by minimizing wear on engine parts. RECOMMENDED FOR USE IN HCVs SUCH AS TATA MOTORS, ASHOK LEYLAND, DAIMLER, VOLVO ETC, IT CAN BE USED WITH COMPLETE SUCCESS FOR ON-ROAD DIESEL TRUCKS. OFF-HIGHWAY DIESEL EOUIPMENT AND LCVs WITH DIESEL ENGINES, TURBO-CHARGED OR NATURALLY ASPIRATED ENGINES.

Specifications: Meets the requirements of API CI-4 PLUS/ SL, ACEA E7-

Highlights:

CLEAN ENGINE FORMULA.

S LONGER DRAIN INTERVAL.

Availability in pack sizes: 210 L, 55 L, 7.5 L





HARVEST 25

HARVEST 25 is specially formulated to take care of demanding needs of farm equipment. Formulated with high quality base oils and additives, it is recommended for use in all operating conditions.

Benefits: Engine Life Boosters reduce wear on engine parts, increasing engine life. • Extended Drain Interval Formula controls oil thickening. • Good detergency to keep the engine parts clean.

RECOMMENDED FOR ALL MODERN TRACTORS MANUFACTURED BY JOHN DEERE, M&M, TAFE, SAME, HMT, ITL, ESCORTS, PTL ETC.

Specifications: Meets the requirements of API CF-4.

Highlights: Engine life boosters. S Longer drain Interval.

Available in pack sizes : · 15W-40 API CF4 – 10 L, 7.5 L, 6 L · 20W-40 API CF4

– 10 L. 7.5 L. 6 L





HARVEST FLO

HARVEST FLO is blended from high quality solvent refined base oil and additive packages. Designed for agricultural Pumpset diesel engines running on diesel, kerosene or LDO (Light diesel oil).

Benefits: • Excellent lubricity. Keeps engine parts clean and maintains solid products of combustion in suspension until next oil change.

- Good anti-wear properties and anti-oxidation properties.
- Easy starting even at lower ambient temperatures. RECOMMENDED FOR ALL TYPES OF PUMP-SETS. THE PRODUCT IS ALSO SUITABLE FOR OTHER AGRICULTURAL AND FARM EOUIPMENT LIKE TILLERS, HARVESTERS ETC.

Specifications: Meets Specification and requirements of SAE 20W-40, API CF.

Highlights:

Better engine protection. Suitable for all weather conditions.

Available in pack size: 3.5 L.



Harvest 50 Tractor Engine Oil

Premium diesel engine oil exceeding the requirements of new generation diesel engines fitted with EGR. Blended, using high quality base oils and highperformance additive package. Can be used in turbocharged fitted engines.

Benefits: • Marked resistance to deterioration especially from oxidation.

• Provides excellent control on oil thickening. • Excellent protection to the turbo-charger. • Keeps clean even the hottest part of the engines such as pistons and pistons and piston rings. • Significant reduction in oil consumption. RECOMMENDED FOR USE IN ALL NEW GENERATION TRACTORS, AGRICULTURAL EQUIPMENT ETC. ALSO, CAN BE RECOMMENDED FOR ALL MOBILE APPLICATIONS WHERE HIGH-PERFORMANCE DIESEL ENGINE OIL IS RECOMMENDED. CAN BE USED FOR OTHER HEAVY-DUTY ENGINES IN OFF HIGHWAY APPLICATION AS WELL.

RECOMMENDED FOR ALL MODERN TRACTORS MANUFACTURED BY JOHN DEERE, M7M, EICHER, SAME, TAFE, HMT, ITL, ESCORTS, PTL, ETC

Highlights:

ENGINE LIFE BOOSTERS. S LONGER DRAIN INTERVAL.



Availability in pack sizes: - 210 L, 55 L, 15 L, 7.5 L



GEAR & **TRANSMISSION** OILS



HARVEST UTTO

HARVEST UTTO is a universal lubricant for tractors. With its special properties, it is equally suitable for use in transmissions, hydraulic systems, wet clutches and brakes, final drives and power take-offs.

Benefits: Demonstrates excellent control on oil thickening, extending oil drain interval. • Outstanding Anti-Wear properties for superior protection of the hydraulic equipment in the tractor. • High Extreme Pressure characteristics to protect the transmission. • Wet-Braking Optimizer Molecules optimize frictional characteristics for smooth brake operations

RECOMMENDED FOR USE IN DIFFERENTIAL GEAR BOXES, AXLES AND HIGHLY LOADED GEARS.

Specifications: Meets the requirements of API GL-5, JD 20C.

Highlights:

Anti-Wear Technology. OIB Optimizer Formula



Available in pack sizes : 210 L, 55 L, 20 L, 5 L



GEARTEC XL

GEARTEC XL is a superior quality gear oil meeting the transmission lubrication requirement of HCV, LCV, ULCV, and passenger cars etc. where API GL-4 specification is recommended.

Benefits: Film Stability Enhancers ensure strong oil film formation and maintenance under high load conditions. • Outstanding anti-wear properties combined with its oiliness, markedly reduce wear on gear teeth and bearings. • High oxidation stability prevents deterioration of components operating at high temperatures. • Anti-foam qualities prevent excessive formation of air bubbles resulting in a robust lubricant film.

Specifications: Meets the requirements of API GL-4. RECOMMENDED FOR USE IN ALL MANUAL TRANSMISSIONS.

Highlights:

Film Stability Enhancers. Anti-Wear Formula.

Available in pack sizes: 210 L, 20 L, 5 L & 1 L.



GREASE & PUMP SET OILS





SLIK MP

SLIK MP is a multipurpose grease of NLGI-3 consistency based on lithium soap. It is manufactured using premium quality base oils and thickeners with anti-wear additives, along with rust and oxidation inhibitors.

Benefits: • Multipurpose nature, suitable for a variety of applications. • With Robust Soap Chemistry and premium quality base oil, recommended for higher service life compared to conventional greases. • High Viscosity base oil formulation for superior water

wash-out characteristics.

RECOMMENDED FOR ALL APPLICATIONS WHEREIN OPERATING TEMPERATURES RISE TO 120°C UNDER CONTINUOUS SERVICE CONDITIONS.

Caution: Use suitable gloves when handling used product. Dispose off package and used oil properly. Protect the environment.

Specifications: Meets the requirements of NLGI-3.

Highlights:

Life Enhancer Molecules.

30,000 Kms (Symbol for milestone).

Available in pack sizes: 180 Kg, 5 Kg, 2 Kg, 1 Kg & 0.5 Kg.



GEARTEC XLT

GEARTEC XL is a superior quality gear oil meeting the transmission lubrication requirement of HCV, LCV, ULCV, and passenger cars etc. where API GL-4 specification is recommended.

Benefits: • Outstanding anti-wear properties combined with its oiliness, markedly reduce wear on gear teeth and bearings. • Good oxidation stability prevents any deterioration with components operating at high temperatures.

• Anti-rust properties effectively prevent rust on gears and bearings even in the presence of moisture.

Specifications: Meets the requirements of API GL-5.

Highlights:

Film stability enhancers. Anti-wear formula.

Available in pack sizes: 210 L, 12 L, 5 L



ARKOS HYDRAULIK

ARKOS HYDRAULIK is anti-wear hydraulic and circulation oil designed for effective lubrication of a wide variety of industrial equipments. Recommended for hydraulic systems and hydraulic pumps.

where API GL-4 specification is recommended.

Benefits: • ARKOS HYDRAULIK 68 & 46 is recommended for all types of hydraulic systems operating under pressure (as indicated by the pump manufacturer) and temperature.

• Also suitable for use in gear boxes, chain drives, compressors, vacuum pumps depending on respective manufacturers recommendations.

ARKOS HYDRAULIK 68 & 46 is a high-quality hydraulic oil, blended from selective high-performance base oils and anti-wear additives to meet the stringent operational conditions of Hydraulic systems ARKOS HYDRAULIK 68 & 46 is recommended for all types of hydraulic systems. Specifications: DIN 51524 P2 HLP.

Specifications: Meets the requirements of API GL-5.

Highlights:

Available in pack sizes: AW/H ISO VG 68 - 210L,

20L AW/H ISO VG 46 - 20L



