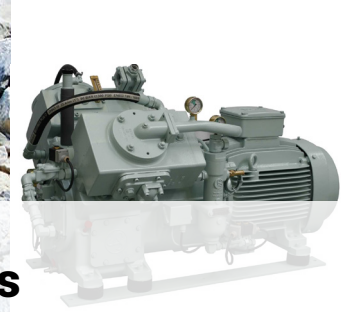
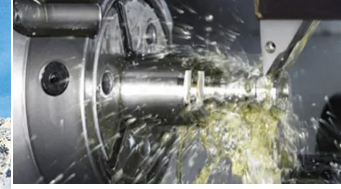
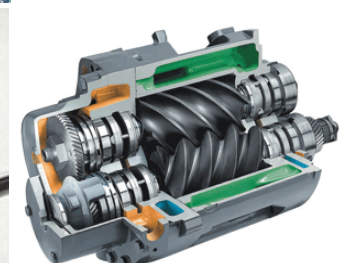
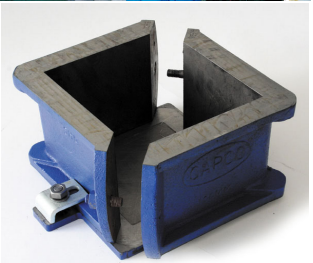




Energizing Kenya



Industrial, Insulating and Metalworking Oils



SUPAHYDRAMAX XT 32, 46, 68, 100

Description

SupaHydramax XT Series is a range of premium quality, shear stable, high viscosity index anti-wear (AW) type hydraulic fluids blended from high quality base stocks and additive system to be used in hydraulic systems in industrial and mobile services which do require anti-wear type lubricants and are subjected to wide temperature variations in ambient and system operating temperatures.

Applications

SupaHydramax XT Series are recommended for use in all heavy duty hydraulic or electro-hydraulic servo systems such as vane, gear, axial and radial piston pumps where anti-wear type fluids are required. It is suitable for use in plain and anti-friction bearings in electric motors and gear sets, automated machine tools, presses, die casting machines, circulating systems and hydraulic control systems. Heavier viscosity grades are suitable for industrial gear lubrication where EP type gear oil is not required.

Benefits

- Superior oxidation resistance and thermal stability to resist oil degradation and thickening
- Possess good demulsibility properties enabling ready separation of water and thus prevents formation of stable emulsions that limit the lubricating power
- Superior anti-rust properties
- Excellent low temperature fluidity

Performance

DIN 51524 Part III HVLP | EATON VICKERS I-286-S and M-2950-S | AIST (US STEEL) 127 and 136 | PARKER DENISON HF-0, HF-1, HF-2 MAG CINCINNATI MACHINE P-68/P-69/P-70 | AFNOR NFE 48-690 (dry) and 48-690 (wet) | GM LH-03-I / LH-04-I / LH-06-I | SAUER DANFOSS BOSCH REXROTH | JCMAS HK

SUPAHYDRAMAX 32, 46, 68, 100

Description

SupaHydramax Series is a range of high quality R&O type hydraulic fluids blended from high quality base stocks and additive system to be used in hydraulic systems in industrial and mobile services which do not require antiwear type lubricants.

Applications

SupaHydramax Series are recommended for use in hydraulic systems where anti-wear type fluids are not required. It is also suitable for use in plain and anti-friction bearings in electric motors and gear sets not requiring EP, and in air compressors operating below 140°C outlet temperature.

Benefits

- Superior oxidation resistance and thermal stability to resist oil degradation and thickening
- Possess good demulsibility properties enabling ready separation of water and thus prevents formation of stable
- Emulsions that limit the lubricating power
- Superior anti-rust properties

Performance

DIN 51524 Part I HL | DIN 51517 CL | DENISON HF-1A

SUPABEROL SERIES

Description

SupaBerol Series are premium quality zinc-free solvent refined mineral oils for use as bearing and circulating oils among other wide range of industrial applications which do not require extreme pressure properties.

Applications

SupaBerol Series are recommended for use with plain and rolling element bearings, enclosed spur, helical, bevel, and worm gearboxes where a non-EP mineral oil is approved. They are also suitable for machine tool circulatory systems such as high speed spindles and other applications where pressure and temperatures are moderate.

Benefits

- Good water separability
- Good rust and oxidation resistance
- Good air release properties to minimise damage to circulating pumps

Performance

DIN 51517-1 | DIN 51506 VB/VC

National Oil

SUPAGEROL SYN EP SERIES

Description

SupaGerol SYN EP Series are fully synthetic polyalphaolefin (PAO) based gear lubricants specially formulated using the latest advanced additive technology particularly suited for gear applications in which extreme service conditions are expected, and are fully compatible with petroleum based base oils.

Applications

SupaGerol SYN EP Series are recommended for gear applications in which extreme service condition of heavy loads and high operating temperature is expected in enclosed gear drives and in plain, rolling element and antifriction type bearings

Benefits

- Outstanding thermal and oxidation resistance
- Excellent load carrying ability and wear resistance
- Excellent corrosion protection
- Extended service life

Performance

DIN 51517 Part 3 CLP | AIST US STEEL 224 | AGMA 9005-E02
DAVID BROWN SI.53.101 | Cincinnati Machine P-35, P-59 | Flenders

SUPAGEROL EP SERIES

Description

SupaGerol EP Series are premium quality heavy duty industrial gear oils specially manufactured from high quality base stocks and fortified with extreme pressure, anti-foam, anti-rust and anti-oxidant additives for excellent enclosed gear lubrication.

Applications

SupaGerol EP Series are recommended for use in all heavy duty industrial enclosed gear drives with circulation or splash lubrication and plain and anti-friction bearings subjected to heavy or shock load conditions.

Benefits

- Outstanding shear stability due to extreme pressure agents
- Non-corrosive to copper and copper alloys
- Provides dependable performance in continuous service at operating temperatures

Performance

DIN 51517 Part 3 CLP | AIST US STEEL 224
AGMA 9005-E02 | DAVID BROWN SI.53.101 TYPE A

SUPACRYOL SYN SERIES

Description

SupaCryol SYN Series is a range of polyol ester based synthetic refrigerant compressor oils specially designed for use with HFC refrigerants and refrigerant blends (R134a, R23, R404A, R407C, R-410A, R507) for standard factory fill of air conditioning and industrial refrigeration equipment.

Applications

SupaCryol SYN Series is recommended for use in reciprocating type refrigeration compressors (VG 68/120/170), for centrifugal type refrigeration compressor (VG 32/46) and screw type refrigeration compressors (VG 120 and VG 170).

Benefits

- Excellent chemical and thermal resistance
- Good refrigerant miscibility
- Excellent wear protection and extended service life

Performance

BS 2626 | DIN 51503 KA, 51503 KC | MM-0-2008 TI

SUPACRYOL SERIES

Description

SupaCryol Series is a range of refrigerant compressor oil manufactured from selected high quality naphthenic base oils and additives to provide superior performance.

Applications

SupaCryol Series is recommended for use in domestic and industrial refrigeration compressors operating on ammonia, propane and many Freon (CFC/HCFC) type refrigerants such as R-12, R-22, R-502. **Note: It is not suitable for HFC and SO2 refrigerants.**

Benefits

- Good chemical stability in the presence of CFCs
- Low carbon residue in exhaust valves
- Outstanding viscosity – temperature characteristics

Performance

BS 2626 | DIN 51503 KA, 51503 KC | MM-0-2008 TI

National Oil

SUPACOMP SYN SERIES

Description

SupaComp SYN Series are long life diester air compressor oils specially designed for high temperature application with minimal deposit formation. Formulated with latest additive technology to meet USDA H2 requirements suitable for food and beverage processing plant applications.

Applications

SupaComp SYN Series are recommended for use lubrication of flooded rotary screw, piston reciprocating and vane compressors. They are also suitable for process gas compressors and vacuum pumps for air, dry carbon dioxide, dry hydrogen sulphide, propane, carbon monoxide, furnace (crack) gas, helium, methane, nitrogen, butadiene and synthesis gases.

Benefits

- Excellent thermal and oxidation stability
- Superior deposits and sludge control
- Reduces fire and explosion hazard

Performance

USDA H2 | ISO 6743-3: ISO-L-DAC

SUPACOMP P SERIES

Description

SupaComp P Series is a range of high quality petroleum-based compressor oil designed for severe operating conditions.

Applications

SupaComp P Series are recommended for use in single-stage and multi-stage reciprocating and centrifugal compressors, and oil flooded screw compressors operating at high temperatures up to 220°C. They offer outstanding performance in air or inert gas compressors and stationary, semi-portable or portable compressors.

Note: Not recommended for breathing air compressors

Benefits

- Low carbon forming tendencies reduces carbon deposits on discharge valves
- Effective corrosion inhibition offer protection against rust
- Anti-foaming characteristics ensure air release which could impede lubricity

Performance

DIN 51352 Part II

SUPACOMP RC SERIES

Description

SupaComp RC Series is designed for the lubrication of rotary sliding vane and screw air compressors. It is blended from highly refined mineral oils and carefully selected additive packages to impart excellent performance.

Applications

SupaComp RC Series are recommended for use in rotary sliding vane and screw type air compressors (oil flooded or oil injected, male or female, single or multi-stage configurations)

Benefits

- Excellent oxidation resistance
- Good air release properties
- Low foaming tendencies

The logo for National Oil, featuring the words "National Oil" in a bold, italicized, sans-serif font. The text is centered within a large, light gray circular graphic that has a stylized, curved shape, resembling a drop or a stylized letter 'N'.

Performance

DIN 51506 VDL | MIL-L-26087

SUPATURBOL SERIES

Description

SupaTurbol Series are premium quality zinc-free (ashless) extended service anti-wear turbine oil specially made of highly refined base stocks and high performance additive system for lubrication of steam, hydro-electric and frame type gas turbines.

Applications

SupaTurbol Series are recommended for use in all parts such as bearings, gears and control systems of various types of turbines such as steam, hydro-electric and gas turbines requiring anti-war or non-anti-wear type turbine oils. It is also suitable for speed reducers, air compressors, vacuum and deep well pumps, electric motors, lightly loaded plain bearings and other equipment requiring turbine oil quality.

Benefits

- Excellent anti-wear properties
- Superior oil-water separation capability to minimise purification and disposal cost
- Good anti-foam and rapid air release for excellent full fluid lubrication in high speed bearings and gears
- Excellent oxidation and thermal resistance for deposit free extended drain capability
- Good protection against corrosion
- High viscosity index

Performance

GEK 32568F, GEK 101941A, GEK 107395A, GEK 28143A, GEK 46506D | DIN 51524 Part I (HL), DIN 51515 Part I (L-TD), DIN 51515 Part 2 (L-TG) British Standard 489 (CIGRE) | CEGB Standard 207001 | US Steel 120, 126 | ASTM D 4304, Type II (EP) | AFNOR E-48600 HL | Siemens AG TLV 9013 04/01 |

Solar ES9-224U | ABB-Stal VTI 3200-3, 81 21 08 | MIL-L-17672D, MIL-L-17331-G, MIL-17331-B | Cicinnati Machine P-38, P-45, P-54, P-55, P-57, P-62 | Westinghouse 21T0591 and 55125Z3 | ABB HTGD 90 117V0001R 117 | Mitsubishi Heavy Industries E00-87182

National Oil

SUPAWAY OIL SERIES

Description

SupaWay Oil Series are specially designed from highly refined mineral oils and additive systems for the lubrication of machine tool slides and tables. The additive system enhances tackiness, anti-wear and anti-slip characteristics.

Applications

SupaWay Oil Series are recommended for use in machine tools slideways, tables and feed mechanisms, and where high precision and low speed machines are used. They are also suitable for the lubrication of combined lubrication systems such as hydraulic and slideway systems, gearbox, spindles and headstock lubrication. The lower viscosity grades (ISO VG 32, 68) are intended for lubrication of horizontal slides and higher viscosity grade (ISO VG 100, 220) is suitable for vertical slides.

Benefits

- Excellent frictional properties good for surface finish and dimensional accuracy
- Good slideway adhesion (water wash-out resistance)
- Excellent water separability
- Excellent anti-wear and anti-corrosion properties
- Suitable for use in a wide variety of slideway materials

Performance

DIN CGLP | ISO/DIS 6743-13 | Cincinnati Machine P47
(ISO 68), P50 (ISO 220)

National Oil

SUPATHERMOL SERIES

Description

SupaThermol Series are specially selected low viscosity mineral based heat transfer fluids formulated for use in closed, oil sealed, heat transfer systems where indirect heating is preferred for economic or technical purposes, and required temperatures are not obtainable with hot water or steam without excessively high pressures .

Applications

SupaHydramax Series are recommended for use in closed heat transfer systems used in chemical and process plant, textile manufacture among others where the oil is circulated in a pumped system operating under atmospheric pressure with or without an inert gas blanket. It can also be used for closed systems operating at maximum bulk temperature of up to 290°C and where minimum shutdown temperatures are not below -10°C. It is not recommended for open batch heating systems.

Benefits

- Highly resistant to thermal cracking and oxidation
- Good heat transfer properties
- Low volatility and high flash point for safe operations

National Oil

SUPAMATIC OIL SERIES

Description

SupaMatic Oil Series are pneumatic tool lubricants specially formulated with highly refined paraffinic base oils and advanced additive system to provide maximum protection to percussion rock drill. The additives include premium quality tackiness agents and extreme pressure additives to withstand heavy shock loads in drilling operations. Good emulsification and adhesive properties ensure sufficient protective film for moving parts especially piston, rifle bar and nut. Its mild odour and low toxicity make it highly suitable for operation in areas with limited ventilation such as mining.

Applications

SupaMatic Oil Series are recommended for use in all percussion type air-operated rock drill tools such as jack hammers, drifters, tampers, rammers and centralised lubricators of crawler-mounted drill rigs operating in different climatic conditions.

Benefits

- Excellent extreme pressure properties
- Exceptional tackiness agent, adhesive quality, anti-foam and anti-fog agents
- Good anti-rust and corrosion protection for metal parts in corrosive environment
- Mild odour and low toxicity

SupaMatic Oil

SUPAMOULD OIL

Description

SupaMould Oil is an oil based, solvent free release agent with suitable corrosion inhibitor for corrosion protection.

Applications

SupaMould Oil is ideal for use on aluminium, pre-cast forms, plywood, lumber, steel, rubber, plastics and treated paper. It can be applied by sprayer, brush, roller or dipping.

Benefits

- Wax-free and non-staining
- No separation that is typical of traditional emulsion releases
- No unpleasant odours
- Excellent release performance for aluminium, metal and plywood forms
- Will not deteriorate or damage surface
- Ready to use (do not dilute), thus minimises labour
- Reduces surface preparation and painting costs by giving an excellent finish

A large, light gray watermark logo for National Oil is centered on the page. It features a stylized circular shape with a swoosh across the middle, and the words "National Oil" in a bold, italicized sans-serif font overlaid on the swoosh.

National Oil

SUPACUTT

Description

SupaCutt is a general purpose, chlorine-free, broad spectrum, soluble metalworking oil formulated on paraffinic base oils with emulsifying agents and anti-rust and anti-corrosion additives it forms an emulsion of high lubricity when diluted with water and is inhibited against bacterial spoilage.

Applications

SupaCutt is suitable for milling, drilling, turning of low and medium tensile steels, cast iron, brass, bronze and aluminium. It can also be used as a grinding fluid where component finish is a high priority.

- Recommended Dilution Ratio
- Grinding – 1:50
- Turning, milling, drilling – 1:20
- Tapping, screwing – 1:10 to 1:15
- General machining – 1:20

Benefits

- Excellent cooling and lubrication in a wide range of machining operations
- Helps prevent welding of chip and tool, and flushes chips away from working area
- Provides protection against rust and staining of machine parts, tools and work surfaces
- Minimises mist in high speed machine tools
- Light colour allows for operator to see the machined part
- Good oxidation and thermal stability
- Multipurpose performance enables the oil to be used as hydraulic and machine lubricant thus eliminates problem of machine lubricants contaminating the cutting oil

SUPACUTT MWC

Description

SupaCutt MWC is a metalworking macro-emulsion concentrate for the machining of aluminium alloys and ferrous metals such as low and medium carbon steels.

Applications

SupaCutt MWC is useful in carrying out difficult machining operations including sawing at recommended use rates of 5 to 8%.

Benefits

- Easy to use and multifunctional
- Good lubricity, mechanical stability and cooling power provides reduced effort, extended tool life and outstanding surface finish
- Excellent protection against corrosion
- Good anti-foaming properties
- Excellent stability in use and resistance to bacteria in storage thus extended useful life
- Safe for operator and environment: free of formaldehyde, boron, chlorine, polybrominated biphenyls (PBBs), nitrites, nonylphenol ethoxylates (NPE) or diethanolamine (DEA)

Performance

ISO L-MAA

SUPAVOLT EC 60296: 2012 Edition 4

Description

SupaVolt TO is a premium uninhibited mineral electrical insulating oil made from severely hydro-treated waxfree naphthenic oil which is good as a dielectric and coolant in plant and power generation and distribution equipment.

Applications

SupaVolt TO is recommended for use in fluid-filled electrical equipment such as transformers, switchgears, capacitors and instrumentation equipment.

Benefits

- Excellent cooling properties, chemical stability and high sludge solubilising effects
- Excellent impulse strength
- Good oxidation stability
- Low dielectric dissipation factor
- Low electrostatic charging tendency
- Non carcinogenic and PCB free
- Non corrosive sulphur: dibenzyl disulphide (DBDS) free

Benefits

IEC 60296: 2012 Edition 4

SUPAINSOL TO IEC 60296: 2003

Description

Supalnsol TO is a premium uninhibited mineral electrical insulating oil made from highly refined paraffinic oil making it a good dielectric and coolant for electrical equipment in plant and power distribution. It has very good

Applications

Supalnsol TO is recommended for use in fluid-filled electrical equipment such as transformers, switchgears, capacitors and instrumentation equipment.

Benefits

- Excellent cooling properties and chemical stability
- Excellent impulse strength
- Outstanding oxidation stability
- Low dielectric dissipation factor
- Low electrostatic charging tendency
- Non carcinogenic and PCB free
- Non corrosive sulphur: dibenzyl disulphide (DBDS) free

Benefits

IEC 60296: 2003

SUPAFLUSH

Description

SupaFlush is a flushing oil made from the finest straight paraffinic base stocks, an additive system and a solvent for cleaning the internal components of equipment and machinery.

Applications

Using SupaFlush flushing oil can increase oil life by ensuring that all equipment and machinery parts are left clean and free from used oil deposits ready for fresh oil. It is recommended for use in flushing circulation systems, gear boxes and other equipment to remove rust, dirt, debris and water prior to service or in older equipment which require cleaning.

National Oil

SUPAFOL SERIES

Description

SupaFol Series are premium quality highly refined, non-additive, aromatic-free paraffinic mineral white oils complying with stringent pharmacopoeia purity requirements for use in pharmaceutical, food packaging, cosmetic

Applications

SupaFol Series are recommended for use as components in cosmetics and pharmaceuticals, food packaging, hygiene items and toys, technical applications and car components where colour and stability are important and machinery lubrication for direct and indirect food applications.

Benefits

- Highest purity with no aromatics
- Exceeds oxidation and light stability of standard process oils

National Oil



ENERGIZING KENYA

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