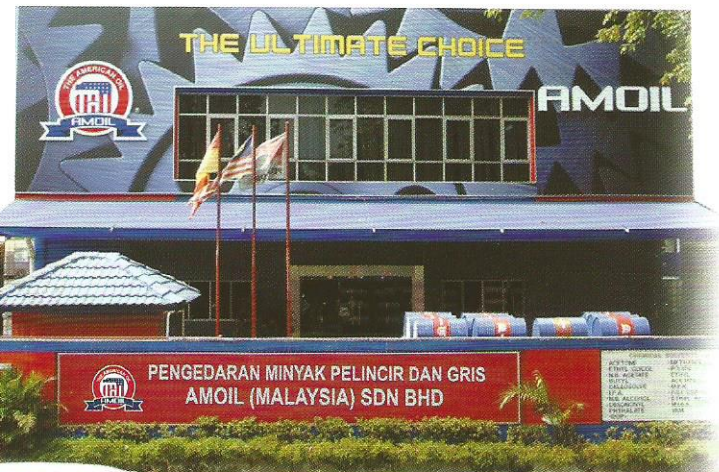


AMOIL

LUBRICANTS

www.amoil.com.my



Our Vision

To be one notch above everyone else in the lubricant business.

Our Mission

Our business is your solution to lubrication.
We are the lubricant specialists

Our Quality Policy

"Quality is our way of life"

Since 1975, **AMOIL (MALAYSIA) SDN BHD** has been in the business of manufacturing and marketing high quality petroleum products for top brands from the United States of America and across the globe to Malaysia.

Utilizing state-of-the-art equipment, our laboratory provides stringent quality control testing of all manufactured products. Our implementation of the ISO 9001:2008 quality system helps ensure that at every level of the organization, **AMOIL'S** products meet the demanding requirements of the industry.

With more than 39 years of experience, **AMOIL** has developed the ability to formulate world class lubricants by selecting the best synthetic base oil, coupled with the right performance driving additive that gives a product performance that exceeds industrial standard requirements.

Amoil will continue delivering innovative, superior products that will help you save money through reduced maintenance costs, and improved productivity.

AMOIL

LUBRICANTS





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OUR PRODUCTS

Amoil (Malaysia) Sdn Bhd always believed in providing lubrication solution and heading by this mind set, we are committed to achieve the highest levels of excellence in all our lubricants and greases for the metal working, automotive, plastic, manufacturing, food manufacturing industrial etc.

Complete range of

- Gasoline & Diesel Engine Oils, Gear & Transmission Oils, Brake Fluid, Coolants & Greases and other specialty products for all automotive application.
- Metal Working Fluids – Neat cutting oils, Water soluble, Evaporative, Rust Preventive
- Industrial Lubricants – Hydraulic Oils, Gear Oils, Air Compressor Oils, Refrigeration Oils, Turbine Oils, Way Oils, Transformer Oils, Heat Transfer Oils
- Food Grade Lubricants - Hydraulic Oils, Gear Oils, Air Compressor Oils, Chain Oils, Trolley Oils, Greases, White Oils. Comply with FDA 21 CFR 178.3570 " Lubricants with incidental food contact"

SPECIALTY LUBRICANTS

- Synthesis paraffinic Hydraulic Oils, Air Compressor Oils, Gear Oils, Turbine Oils
- Synthetic Polyalphaolefin (PAO) Air Compressor Oils, Gear Oils, Circulating Oils
- Synthetic Polyalkylene Glycol (PAG) Air Compressor Oils, Gear Oils
- Synthetic Ester high temperature oven chain oil for the toughest bakery industries

METAL WORKING FLUID

- Evaporative Stamping oil, Neat metal working oil
- Mineral, Semi Synthetic and Fully Synthetic Coolant
- Anti Rust for various requirements

GREASE

- Lithium, Lithium Complex, Aluminum complex, Calcium Sulphonate, Polyurea, Silica soap base formulated with selective propriety additive package and either highly refined mineral oil, synthesis paraffinic oil or synthetic (PAO) oil suitable for use in various industrial environment including the most demanding and toughest environment in steel mill plant.



AIR COMPRESSOR FLUID

Amoil Presser

Premium quality mineral air compressor oil

- Resists oxidative breakdown better than leading mineral oil based fluids
- Good thermal stability reduces the formation of deposits
- Excellent protection against wear
- Low volatility reduces oil carry-over into the air system
- Suitable for all makes screw/vane type compressor
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 32,46,68,100,150

Amoil Presser P

Premium mineral base high pressure piston compressor

- Reduction in carbonaceous
- Excellent corrosion resistance, anti-wear performance and demulsibility.
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 100,150

Amoil Presser HT

Premium quality Semi synthetic ISO paraffinic oil air compressor

- Good thermal stability reduces carbon deposit formation and extends fluid life
- Excellent protection against wear
- Low volatility reduces oil carry-over into the air system
- Suitable for screw/vane compressor
- Oil change up to 4,000 hours
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 32,46,68,100,150

Amoil Presser SE (SE 68, 100, 150)

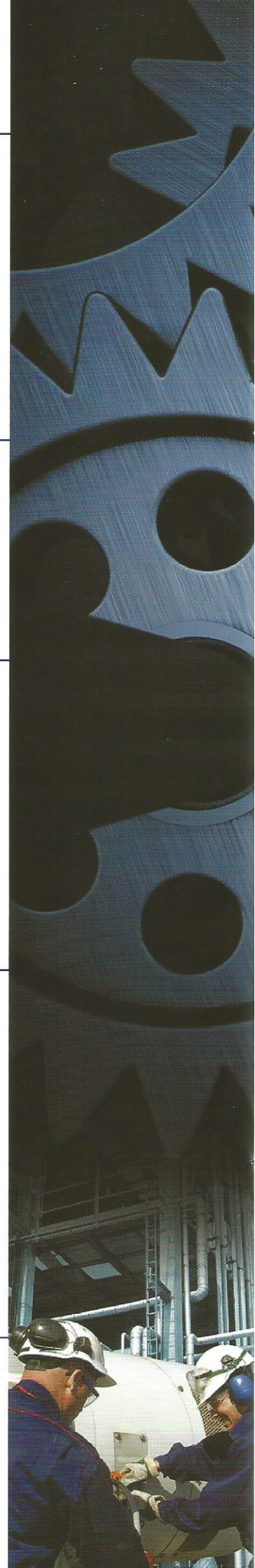
Formulated from Synthetic ester for high pressure piston compressor

- Ashless, high-flash-point formulation with a very low carbon-forming tendency that minimizes the incidence of ignition-promoting "hot spots."
- Improves Compressor Efficiency
- Reduces Wear
- Extends Oil Life
- Reduces Oil Consumption
- Resists Water Contamination
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 68,100,150

Amoil Presser SP

Synthetic PAO base designed for all make screw/vane compressor

- Low carbon forming tendency
- Low volatility
- Superior oxidation stability
- Oil change up to 8,000 hours
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 32,46,68,100,150



AIR COMPRESSOR FLUID

Amoil Presser SG

Synthetic Glycol/Ester base Screw compressor oil

- Will not form varnish or carbon residue on compressor even at very high operating temperatures
- Low volatility
- Superior oxidation stability
- Oil change up to 8,000 hours
- DIN 51506 (VBL, VCL, VDL)
- Available in ISO 32,46

HYDRAULIC FLUID

Amoil Hydral AW

High quality mineral anti-wear hydraulic oil

- Good oxidation and thermal stability
- Good foam and air entrainment performance
- Good protection against wear, corrosion and rust
- Suitable all hydraulic system
- Din 51524 Part 1, 2 , US steel 127
- Available in ISO 32 to 100

Amoil Nautilus HLP

Premium quality anti-wear hydraulic oil

- Good oxidation and thermal stability
- Good foam and air entrainment performance
- Good protection against wear, corrosion and rust
- Suitable all hydraulic system
- Suitable for heavy duty hydraulic system
- Din 51524 Part 2, 3, US steel 127
- Available in ISO 32 to 100

SLIDEWAY OIL

Amoil Amway

Formulated from highly refined mineral oils and contain additives to enhance their tackiness, anti-wear and stick-slip characteristics.

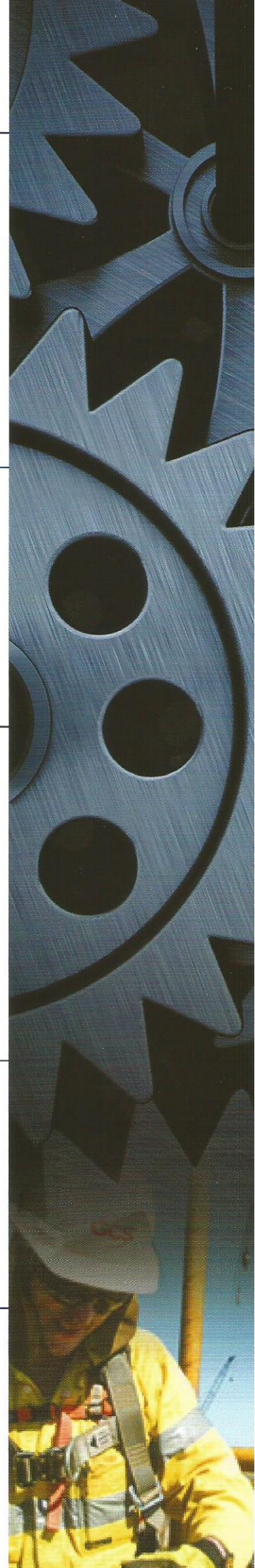
- Designed for the lubrication of machine horizontal tool slides and tables.
- Cincinnati Milacron P-47(ISO VG 68) and P-50(ISO VG 220)
- Available in ISO 32 to 220

GEAR OIL

Amoil Betran EP

Premium quality mineral base Extreme Pressure Sulfur Phosphorus Gear Oil

- Outstanding Oxidation Stability
- Excellent load handling
- Tough adherent film
- Suitable for all enclosed gear box system
- US Steel 224
- Din 51517 Part 3 (CLP)
- Available in ISO 68 to 680



GEAR OIL

Amoil Betran SHB

Synthetic PAO multifunctional fluids is specially formulated for the lubrication of gears, bearings where EP property is not required

- Excellent thermal stability oxidation stability
- Excellent FZG stage pass rating of 12
- Superior wear protection
- Excellent water separation
- Suitable for many gears such as worm gears and helical gear boxes
- Available in ISO 68 to 680

Amoil Betran PG

Synthetic Polyalkylene Glycol Gear Oil formulated with selected additives to provide excellent performance in enclosed gear bearings, worm gears that operating in high temperature

- Excellent lubricity
- Superior Thermal and oxidation stability
- Superior wear and deposit control
- Superior cooling property as compare to mineral oil
- DIN 51 517-3 , ISO 12925 Type 1 CKC
- Available in ISO 68 to 680

Amoil Betran SP

Synthetic PAO Extreme Pressure Gear Oil formulated with selected additives to provide excellent performance for all type of enclosed gears and bearings

- Excellent film strength and extreme pressure properties
- Excellent resistant against rust and corrosion
- Excellent Thermal and oxidation stability
- DIN 51 517-3 , ISO 12925 Type 1 CKC , US steel 224
- Available in ISO 68 to 680

MULTI FUNCTIONAL AND CIRCULATION OIL

Amoil Lexus

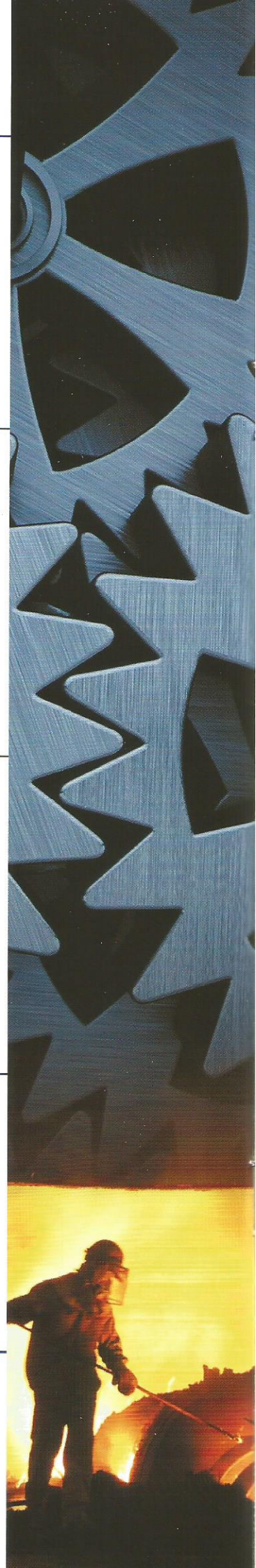
Multifunctional Rust and Oxidation fluids specially formulated for the lubrication of gears, bearings where EP property is not required

- Din 51517 Part 1, 2
- MIL-L-17672
- US Steel 120
- Cincinnati P38,P55,P54,P57,P62
- Available in ISO 68 to 680

Amoil Turbina

High quality lubricants designed for use in steam and gas turbines, as well as the circulating oil systems of a wide range of industrial machinery

- Din 51515 Part 1, 2
- MIL-L-17672
- US Steel 120
- Cincinnati P38,P55,P54
- Available in ISO 68 to 680



Amoil Vacuum Pump Fluid

Premium mineral oil vacuum pump lubricant designed for the use in rotary and slide vane vacuum pumps.

- For vacuum pressure up to 1×10^{-3} mbar at 75°C
- ISO 6743-3A-DVC
- Available in ISO 68 to 680

Amoil Ultravac HT

Formulated with semi synthetic ISO paraffinic oil and patented additive system to provide extremely low vapour pressures for maximum pump efficiency.

- Recommended for lubricating piston and rotary vane vacuum pumps handling air that are running at high operating temperatures up to 130°C
- Available in ISO 32 to 100

Amoil Spindex

High quality light viscosity lubricants for high speed machine tool spindles applications

- Good resistant to oxidation
- Protection against rust and corrosion
- Low spindle wear
- Maintained high precision
- Available in ISO 2 to 20

REFRIGERATION COMPRESSOR OIL

Amoil Refroil NGS

Hydrotreated naphthenic oil design for use in screw/reciprocating refrigeration compressors of refrigerant ammonia (R717), halogenated hydrocarbon (R12,R22)

- Din 51503 KA,KC,KE
- Available in ISO 46 to 68

Amoil Refroil HT

Semi Synthetic ISO paraffinic base oil and fortified with specialty selected additives design for use in screw/reciprocating refrigeration compressors of refrigerant ammonia (R717)

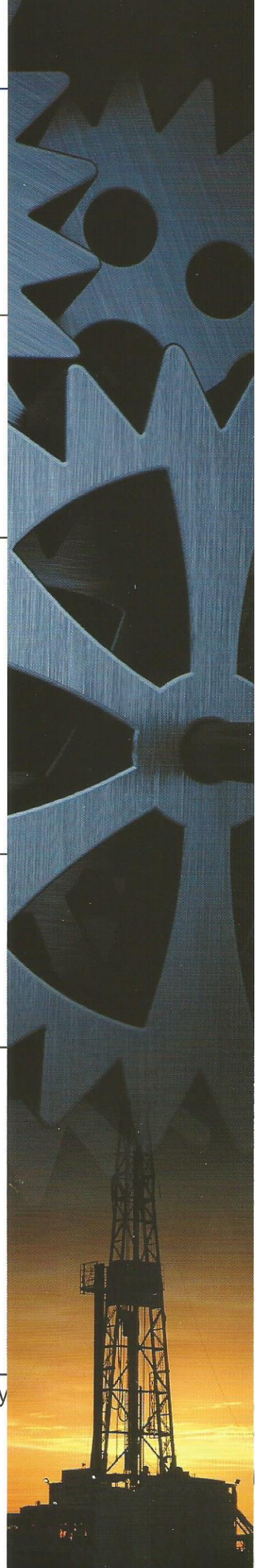
- Extremely low solubility in ammonia improves system efficiency and performance
- Lower oil volatility reduces fluid consumption
- Din 51503 KAA,KC,KE
- Available in ISO 46 to 68

HEAT TRANSFER OIL

Amoil Amtherm 32

Highly refined mineral heat transfer fluid design for indirect enclosed liquid phase sy

- High oxidation and thermal stability
- Low viscosity and high heat transfer coefficient
- Low vapour pressure
- DIN 51522 Q
- Available in ISO 32



HEAT TRANSFER OIL

Amoil Amtherm 316

Semi Synthetic ISO paraffinic heat transfer fluid design for indirect enclosed liquid phase system up to max 316°C operating temperature

- Excellent oxidation resistant provide longer oil life
- Extremely low vapor pressure reduce top up cost
- Excellent Thermal Conductivity reduce energy lost
- DIN 51522 Q
- Available in ISO 32

Amoil Amtherm 326

Semi Synthetic ISO paraffinic heat transfer fluid design for indirect enclosed liquid phase system up to max 326°C operating temperature

- Excellent oxidation resistant provide longer oil life
- Extremely low vapor pressure reduce top up cost
- Excellent Thermal Conductivity reduce energy lost
- DIN 51522 Q
- Available in ISO 32

GREASE

Amoil Celcon Series

Premium Lithium hydroxystearate soap and high quality mineral oil

- Good protection against rust and corrosion
- Good water resistant
- Temperature range : up to 100°C
- Available in NLGI 00, 0, 1, 2, 3

Amoil Celcon EP Series

Premium Lithium hydroxystearate soap and high quality mineral oil fortified with high performance Extreme Pressure additive

- Good protection against rust and corrosion
- Good water resistant
- Excellent extreme pressure, load carrying and anti-wear properties
- Temperature range : up to 100°C
- Available in NLGI 00, 0, 1, 2, 3

Amoil Liplex EP Series

Premium Lithium Complex soap and high quality mineral oil fortified with high performance Extreme Pressure additive

- Good protection against rust and corrosion
- Good water resistant
- Excellent extreme pressure, load carrying and anti-wear properties
- Temperature range : up to 130°C
- Available in NLGI 00, 0, 1, 2, 3



Amoil Celplex HS

Excellent quality Lithium Complex with semi synthetic ISO paraffinic base oil non Extreme Pressure additive special design for lubricating electric motor

- Excellent protection against rust and corrosion
- Reduces friction and wear
- Meets CGE specification 6298 for Class B or F insulation
- Temperature range : up to 160°C
- Available in NLGI 2

Amoil Celplex EP 2

Excellent quality Lithium Complex with semi synthetic ISO paraffinic base oil fortified with high performance Extreme Pressure additive

- Excellent protection against rust and corrosion.
- Prevents scoring or spalling under high loads.
- Reduces friction and wear.
- Temperature range : up to 160°C
- Available in NLGI 2

Amoil Celplex Moly EP 2

Excellent quality Lithium Complex with semi synthetic ISO paraffinic base oil fortified with high performance Extreme Pressure additive and molybdenum disulphide

- Good mechanical stability
- Excellent water wash out resistant
- Excellent oxidation resistant
- Recommended for heavy shock loading conditions
- Temperature range : up to 130°C
- Available in NLGI 2

Amoil Ultra LLG

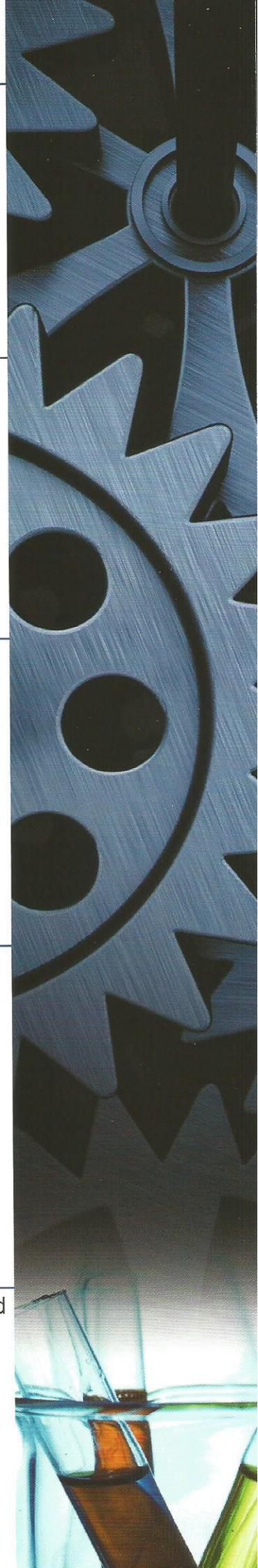
High quality Calcium Sulfonate complex soap and semi synthetic ISO paraffinic base oil with high performance anti-oxidant and extreme pressure additives

- Good mechanical stability
- Excellent water wash out resistant
- Excellent oxidation resistant
- Recommended for electric motor bearing, Constant velocity joints, equipment's operating in extremely wet conditions
- Temperature range : up to 200°C
- Available in NLGI 2

Amoil Poly HT 2 Plus

Premium quality non soap polyuria lubricating grease lubricating with highly refined mineral oil fortified with Extreme Pressure additives

- Good Shear stability property
- High resistant to water wash-out.
- Good protection in corrosive & high water environment
- Does not form any hard residues
- Long life greases
- High service temperature 180°C – continuously
- Available in NLGI 2



METALWORKING FLUID

Amoil Amcool BS Series

Ranges of high performance mineral base bio-stable metalworking emulsion contain no nitrites, phenol, diethanolamine, triethanolamine, silicone oil and chlorine. Design for the machining of non-ferrous and ferrous metals.

- Good corrosion resistance
- Good lubricity
- Non staining properties
- High resistant to bacterial attack

Amoil Syncool SS Series

Ranges of high performance bio-stable semi synthetic metalworking emulsion. It produces a micro-emulsion in all type of makeup water due it's formulated with specially selected and high quality components. Design for the process grinding, sawing, drilling, milling and CNC turning by varying concentrations on various non-ferrous and ferrous metals.

- High resistant to bacterial attack
- Good lubricity, EP property
- Provide outstanding anti-corrosion for the ferrous metals
- Longer coolant life

Amoil Syncool UC Series

Ranges of high lubricity and low foaming synthetic coolant designed for the machining of various types of ferrous metals and cast Iron. It is free from Sodium nitrite, Diethanol amine, Silicone oil, Phosphorous, Sulfur, Chlorine, Bromine, Boron and other heavy metals.

- Inhibits microbial growth to extend fluid life
- Chlorine, phenol and nitrite free
- Provide outstanding anti-corrosion for the ferrous metals
- Low Foaming

Amoil Amcut Series

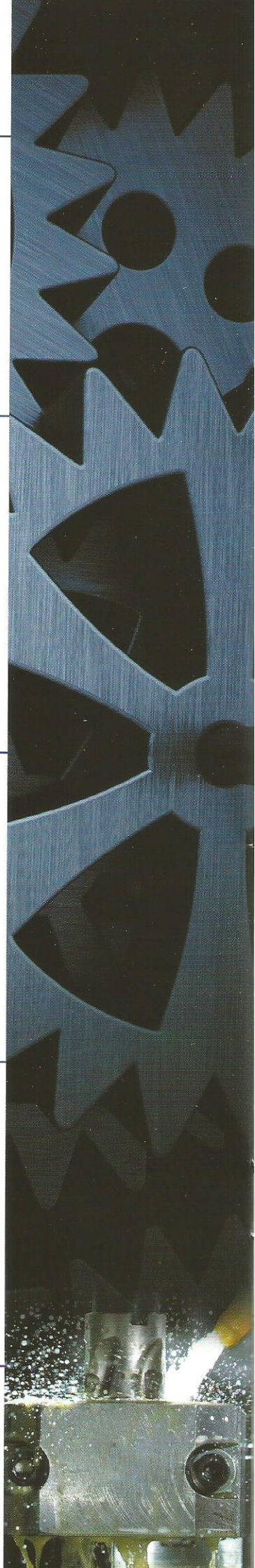
Ranges of neat cutting oil formulated from highly refined mineral oil and EP additives for various machining process eg milling, drilling, cutting, turning, broaching, honing etc of ferrous metals eg mild steel, free cutting steel, carbon steels, stainless steel etc

- Excellent anti-weld properties
- Excellent surface finish
- Excellent prolonged tool life
- Low odour, Low mist

Amoil Amcut NF Series

Ranges of neat cutting oil formulated from superior quality mineral oil fortified with unique polar lubricity additive to provide extra lubricity for medium duty cutting operations of non-ferrous metals

- Will not stain sensitive alloys
- Light colour allows operator to see more easily
- Excellent surface finish and extends tools life
- Chlorine Free



HEAVY DUTY DIESEL ENGINE OIL

Amoil Amfleet Series

Heavy duty diesel engine oil developed to meet the requirements of a variety of engines operating under severe conditions. It is formulated from highly refined base stocks and balanced additives to provide effective protection to engines operating under various environments.

Recommended for use in severe duty four stroke turbo-charged and naturally aspirated diesel engines both on-highway and off-highway.

- improved detergency that helps to reduce deposits and keeps engines cleaner
- Better thermo-oxidative stability protects against sludge buildup, deposits & oil degradation and controls oil thickening.
- Effective antiwear properties protects engine components against wear to offer extended engine life and reduced maintenance costs and good corrosion inhibition properties protects against corrosion and wear

Specification:

- API CF/SF
- MB 228.0
- Cat TO-2

Available grade: SAE 10W, 30, 40, 50, 15W-40, 20W-50

SuperFleet 15W-40

Premium heavy duty diesel engine oil developed to meet the requirements of a variety of engines operating under severe conditions. It is formulated from highly refined base stocks and balanced additives to provide effective protection to engines operating under various environments.

Recommended for use in severe duty four stroke high speed turbo-charged and naturally aspirated diesel engines both on-highway and off-highway.

- Good soot control property, reduces oil thickening and associated engine wear
- Outstanding thermal stability and oxidation resistance to maintain excellent engine cleanliness
- Excellent TBN retention effectively neutralising the acidic by-products of combustion

Specification:

- API CF-4
- MB 228.1/229.1
- ACEA E2/A3/B4
- MTU Type 1
- MAN 271
- Volvo VDS
- VW 505.00

Available grade: SAE 15W-40

Ultrafleet 15W-40

An extra high performance universal engine oil designed for high loaded diesel engines in light and heavy commercial vehicles working under severe operating conditions through the whole year for use in Japanese, Europe and America engines equipped with EGR and/or SCR.

This motor oil is a blend of highly refined base oils and specially selected additives designed to provide excellent performance in all recommended applications. Contains an effective detergent-dispersant package that keeps the sulfated ash at a minimum level while providing excellent protection against fuel soot and control of oil

- Highly oxidation stable – protects engine against sludge and varnish deposits
- Excellent soot control which translates to cleaner, engine and reduced wear
- High anti-foam, anti-wear and anti-corrosion properties.
- Minimizes ash deposits in the combustion chamber and on valve surfaces.
- High alkaline reserve permits extending drain interval

Specification:

- API CI-4
- Allison C-4
- Caterpillar ECF-1-a & ECF-2
- Cummins 20076 and 20077
- Volvo VDS-2, VDS-3
- MB228.3
- ACEA E7/E5/E3/A3/B3/B4

Available grade: SAE 15W-40

Ultron J 15W-40

Formulated to meet or exceed the warranty requirements of most major manufacturers of diesel engine. **AMOIL ULTRON J DIESEL ENGINE OILS** meets the latest engine requirements of Detroit Diesel, Cummins, Mack, Caterpillar and Allison, and is API certified CJ-4/SM.

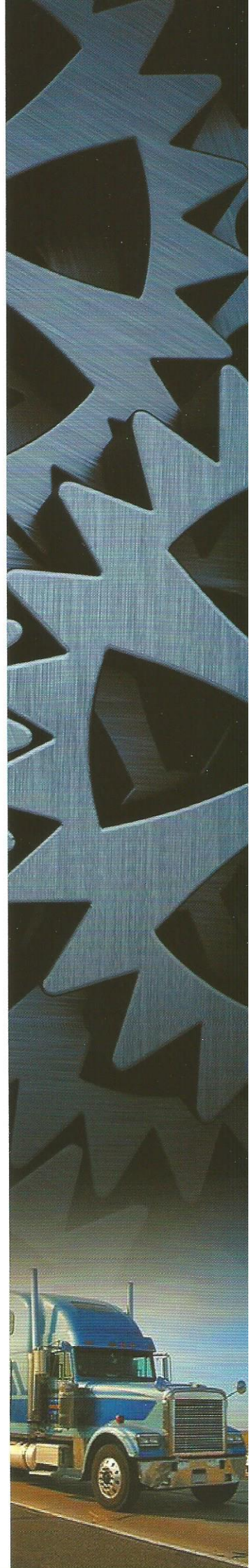
AMOIL ULTRON J DIESEL ENGINE OILS can be used with complete confidence in most naturally aspirated or turbo-charged diesel engines as well as those fitted with exhaust after-treatment system using Diesel Particulate Filter (DPF) Selective Catalyst Regeneration (SCR), Diesel Oxidation Catalyst (DOC) and Exhaust Gas Recirculation (EGR) used in truck or off-highway equipment

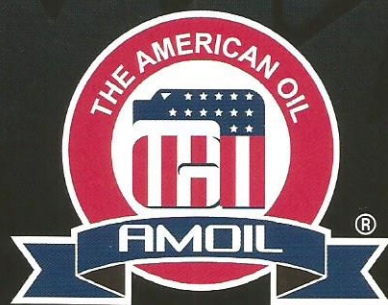
- Superior soot-viscosity control
- Outstanding thermal and oxidative stability
- Excellent oil consumption control
- Outstanding TBN reserves
- Superb resistance to corrosive and abrasive wear

Specification:

- API CJ-4
- Renault RLD-3
- Caterpillar ECF-1-a, ECF-2, ECF-3
- Cummins CES 20081
- Volvo VDS-2, VDS-3, VDS-4
- Mack EO-O Premium Plus 07
- MB228.31
- ACEA E9/E7

Available grade: SAE 15W-40





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