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DESH KA



Atlantis[®]



Industrial
Lubricants

fueling progress...

ALPL

Aryan Lubricants Private Limited provides advanced transport, heating & industrial fuels to the automotive industries and corporates. We at ALPL are committed to serve the industry with the best in class products and services that enables and creates win-win situation for everyone. We believe in transformation and we are firm and determined to bring in the same by logical and convincing way to whoever is attached with us in any form.

Core Purpose

To Enrich Lives By Providing Distinct Solutions For Better Tomorrow.

Core Values

- Trust
- Commitment
- Excellence
- Transparency





About Us

We adhere to our **CORE PURPOSE & CORE VALUES** and expect the same from our allies to work on the same Principles which we are following since ages. We do not negotiate on living to our **CORE PURPOSE & CORE VALUES** which has set our own consciences for which we are known.



BHAG

Big Hairy Audacious Goal

To become a **2000 crore** Company
with **100000** Active Retail Outlets
in India by **2030**

Infrastructure

A State-of-the-art production facility with automated packing lines with latest Research & Development Laboratory



- **Storage Facility for Raw Materials**

- 500 Metric Tons (Liquid)
- 200 Metric Tons (Additives)

- **Storage Facility for Finished Goods**

- 300 Metric Tons

- **Processing Facility**

- Fully automatic thermostatic S.S. reactors

- **Filling**

- Semi Automatic Filling Station for Coolants for 500ml to 5ltrs
- Semi Automatic Filling Station for Lubricants for 500ml to 5ltrs
- Semi Automatic Filling Station for Lubricants for 7.5ltrs to 210ltrs
- Fully Automatic Filling Line of Lubricants for 500ml to 1ltr
- Fully Automatic Filling Line of Lubricants for 2.5ltrs to 5ltrs

- **R&D / QC Facilities**

- Digitalized R&D / Q.C. facilities enabled to produce world class products

- **Packaging Setup**

- 5000 Sq. Ft. of Storage space for Packaging Materials.
- Automatic Cap/Wad Sealer
- Strapping Machine
- Label Print Station with Batching Data Storage Analyser

- **Work Space**

- 900 Sq. Ft of Corporate Office based at Ahmedabad
- 10000 Sq. Ft of Warehouse based at Ahmedabad
- 21000 Sq. Ft of Factory Space based at Rajkot

- **Work System**

- Customized ERP
- Digitalized Mobile Application
- Online Ordering System

- **Intellectual Property Rights**

- More than 36 Copyrights of brand names and its technical content
- More than 5 patents registered for bottle packaging

Sectors

we serve





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HYDRO HAUL RANGE, ANTI-WEAR HYDRAULIC OIL



PRODUCT DESCRIPTION : Atlantis Hydro Haul hydraulic oil range is based upon highly refined mineral oil enhanced with a stabilized zinc additive structure.

APPLICATION : Atlantis Hydro Haul hydraulic range has been formulated to provide anti-wear and thermal stability performance using a stabilized zinc additive structure. Hydro Haul hydraulic oil range has excellent hydrolytic and oxidative stability while exhibiting a minimal tendency to produce sludge and deposits. In addition, Hydro Haul hydraulic oil range provides corrosion protection to ferrous and yellow metal components found within a hydraulic system. This range is designed to use in industrial hydraulic systems which require anti-wear protection. It is also suitable for other duties in which lubricants of high oxidation stability and lubrication performance are required. Hydro Haul grades meet the requirements (for appropriate viscosity grade) of: DIN 51524 Part 1

ADVANTAGES :

1. Good thermal and oxidative stability leads to longer operating life, reduction in lubricant costs and minimizes deposit formation giving a cleaner system.
2. Excellent anti-wear performance gives wear protection and reduces downtime from unscheduled maintenance.
3. Excellent water separation and hydrolytic stability means reduced down time through prolonged lubricant life and increased equipment reliability.

Typical Characteristics

Name	Methods	Units	Atlantis Hydro Haul AW 32	Atlantis Hydro Haul AW 46	Atlantis Hydro Haul AW 68
Density @ 29.5°C	ASTM D1298	gm/ml	0.854	0.872	0.882
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	33.5	46.4	69.3
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	5.5	6.7	8.7
Viscosity Index	ASTM D2270	-	98	95	96
Copper Strip Corrosion, 3Hrs, 100°C	ASTM D130	-	1a	1a	1A
Foam Tendency / Stability Sequence 1	ASTM D892	ml	Nil/Nil	Nil/Nil	Nil/Nil
Pour Point	ASTM D97	°C	-25	-23	-21
Flash Point, COC	ASTM D92	°C	217	221	225

Note : The values quoted are typical of normal production. They do not constitute a specification.

HYDRO HAUL HLP RANGE



PRODUCT DESCRIPTION : Atlantis Hydro Haul HLP range is based upon mineral oil enhanced with an ashless (zinc free) additive system.

APPLICATION : Atlantis Hydro Haul Hydraulic range is primarily for use in hydraulic equipment, but is suitable for other duties in which lubricants with good oxidation stability and lubrication performance are required. The quality of its base oils and additives permits the application of Hydro Haul HLP in lightly loaded gears and for use as circulating oil in applications where a rust and oxidation inhibited oil is required. Hydro Haul grades meet the requirements (for appropriate viscosity grade) of: DIN 51524 Part 2

ADVANTAGES : Atlantis Hydro Haul Hydraulic offers

1. Good thermal and oxidative stability.
2. High filterability characteristics
3. Good wear and corrosion protection.
4. Reduces downtime and prolongs lubricants life.

Typical Characteristics

Name	Methods	Units	Atlantis Hydro Haul HLP 32	Atlantis Hydro Haul HLP 46	Atlantis Hydro Haul HLP 68
Density @ 29.5°C	ASTM D1298	gm/ml	0.841	0.844	0.852
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	33.3	46.8	68.4
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	5.7	7.2	10.5
Viscosity Index	ASTM D2270	-	105	113	141
Rust test — Distilled Water (24 hrs)	ASTM D665A	Rating	Pass	Pass	Pass
Copper Strip Corrosion, 3Hrs , 100°C	ASTM D130	-	1A	1A	1A
Foam Tendency / Stability Sequence 1	ASTM D892	ml	Nil/Nil	Nil/Nil	Nil/Nil
Pour Point	ASTM D97	°C	-27	-25	-22
Flash Point, COC	ASTM D92	°C	209	211	219
Air Release @ 50°C	ASTM D342	mins	5	7	9

Note : The values quoted are typical of normal production. They do not constitute a specification.



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GEAR HAUL EP RANGE



PRODUCT DESCRIPTION : Atlantis GEAR HAUL EP grades are premium quality lubricants fortified with Sulphurphosphorus type of EP additives. Atlantis GEAR HAUL EP grades are premium quality extreme pressure industrial gear lubricants meeting the stringent requirements of new generation gears of heavy industrial machinery. These grades are marketed over a wide viscosity range to take care of the variety of speedload conditions encountered by the industries. These oils contain chemically active additives, which react with the metals of the gear's teeth to form an anti-welding film between them.

APPLICATION : Atlantis GEAR HAUL EP grades are recommended for all heavy-duty enclosed gear drives with circulation or splash lubrication system operating under heavy or shock load conditions up to 100°C. These oils are also suitable for spray lubrication systems requiring extreme pressure properties.

Atlantis GEAR HAUL meets IS: 8406-1993 (RA 2006).

ADVANTAGES :

1. Maximizes equipment life by resisting gear wear and scuffing.
2. Protection against rust and corrosion.
3. Resistance to oxidation and thermal degradation.
4. Good anti-foam properties ensure film strength for effective lubrication.
5. Extended gear and bearing life due to minimal deposits.
6. Longer seal life.
7. Minimize deposits resulting from high output, low speed, and low temperature operations.
8. Possess excellent oxidation stability to ensure long service life especially in Transmission systems.
9. Excellent control of cold sludge and corrosive wear.

Typical Characteristics

Name	Methods	Units	Atlantis GEAR HAUL 68	Atlantis GEAR HAUL 100	Atlantis GEAR HAUL 150	Atlantis GEAR HAUL 220	Atlantis GEAR HAUL 320	Atlantis GEAR HAUL 460
Grade			ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Density @29.5°C	ASTM D1298	gm/ml	0.877	0.881	0.886	0.888	0.893	0.896
Viscosity, Kinematic 40°C	ASTM D445	mm²/s	68.1	100.8	151.1	222.6	323.4	463.5
Viscosity Index	ASTM D2270	-	108	107	103	100	99	97
Flash Point, COC	ASTM D92	°C	213	215	219	224	227	233
Pour Point	ASTM D97	°C	-12	-10	-10	-9	-7	-6
Copper Strip Corrosion, 3Hrs, 100°C	ASTM D130	-	1a	1a	1a	1a	1a	1a
Foam Tendency / Stability Sequence 1	ASTM D892	ml	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil

Note : The values quoted are typical of normal production. They do not constitute a specification.

SPIN M - SPINDLE OILS



PRODUCT DESCRIPTION : Atlantis SPIN M are blending with highly refined base oil and premium additives. They are further fortified with carefully selected oxidation and rust inhibitors. A special anti-wear additive improves oiliness and reduces friction and wear between the rubbing surfaces to an absolute minimum.

APPLICATION : Atlantis SPIN M are used for lubrication of spindle bearings, centrifugal separators, textile tools and positive displacement blowers.

ADVANTAGES :

1. Lower fluid friction.
2. Good demulsibility.
3. Resistance to rusting and corrosion.
4. Good oil film strength.
5. High chemical stability.

Typical Characteristics

Name	Methods	Units	Atlantis SPIN M 12	Atlantis SPIN M 22
Viscosity, Kinematic 40°C	ASTM D445	mm²/s	12.1	22.0
Viscosity Index	ASTM D2270	-	95	92
Flash Point, COC	ASTM D92	°C	171	184
Pour Point	ASTM D97	°C	-8	-7

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COOLCUT M114



PRODUCT DESCRIPTION : Atlantis COOLCUT M114 is formulated from leading edge base oils, additives and proprietary emulsifiers which have a bearing on the stability of the emulsion even with water of 400 ppm hardness. A stable milky white emulsion is prepared by the adding the oil to water with continuous stirring. Atlantis COOLCUT M114 gives the desired cooling characteristics, provides rust protection, lubricity for the cutting operation with good finish of work piece and longer life for tools. Atlantis COOLCUT M114 is also fortified with appropriate biocides to keep control of bacterial growth.

APPLICATION : Atlantis COOLCUT M114 is recommended for variety of cutting operations in both ferrous and non-ferrous metals. The recommended concentration is between 2 to 10 % depending on the severity of machining. Atlantis COOLCUT M114 meets IS 1115-1986 (RA 2002).

ADVANTAGES :

1. Good heat removal properties,
2. Good surface finish
3. Excellent emulsion stability,
4. Built in protection against bacterial growth

CAUTION : Not recommended for machining for magnesium as fine chips of magnesium is a fire hazard when moistened with water.

Typical Characteristics

Name	Methods	Units	Atlantis COOLCUT M114
Appearance	Visual	-	Clear & Bright
Colour	Visual	-	Brown
Emulsion Test, 5:1 and 20:1 ratio in water of 400 ppm hardness, 24 Hrs	IS 1448 P 98	-	Passes
Frothing Test, 5:1 and 20:1 ratio in water of 200 ppm hardness	IS 1448 P 99	MI	20 ml froth, Entire frothing collapse in 10 sec
Water Content, % Weight	IS 1448 P 40	%	1.82
Thermal Stability	IS 1448 P 100	-	Passes
Ash%	IS 1448 P 40	%	0.9
Copper Strip Corrosion, 100°C 3 Hrs.	IS 1448 P 15	-	1a
Volatile Matter at 100°C 16 Hrs. % by mass	IS 1115-1986 (RA 2002)	%	1.1
Cast Iron Corrosion Test, 20:1 ratio emulsion with 400 ppm hard water.	Appendix A of IS 1115-1986 (RA 2002)	-	0/1-1
Flash Point	IS 1448 P 69	°C	207

Note : The values quoted are typical of normal production. They do not constitute a specification.

COOLCUT SS09



PRODUCT DESCRIPTION : Atlantis COOLCUT SS09 is a long life semi-synthetic water soluble metalworking fluid, suitable for all moderate to heavy machining and grinding operations on all ferrous and its alloys. It forms a translucent micro-emulsion and has a unique formula with high performance extreme pressure additives, corrosion inhibitor packages and biocides which prevent bacterial & fungal attack and provides long life. It works very well in general machining and specially grinding of cast iron, grey iron, steel and its alloys where conventional soluble oil may not deliver adequate performance.

APPLICATION : Atlantis COOLCUT SS09 is high performance translucent semi synthetic metalworking fluid, suitable for grinding and moderate to heavy cutting, milling, drilling, tapping, and reaming applications of cast Iron, steel and its alloys. Atlantis COOLCUT-SS meets IS 1115-1986 (RA 2013).

ADVANTAGES :

1. Provides excellent lubricity.
2. Allows high pump pressures and helps maintaining continuous oil film between moving parts.
3. Provides excellent load bearing capability and protection to tools along with superior surface finish.
4. Good rust protection for machine tools and work pieces.
5. Fortified with biocide to inhibit bacterial growth and odor.
6. Extends tools life.
7. Extraordinary surface finish
8. Excellent rust preventive properties
9. Low consumption

Typical Characteristics

Name	Methods	Atlantis COOLCUT SS09
Appearance	Visual	Clear
Colour	Visual	Amber
Colour, Emulsion	Visual	Milky to semi-translucent
Emulsion Test, 5:1 and 20:1 ratio in water of 400 ppm hardness (as CaCO3)	IS 1448 P 68	No oil, No cream
Defoam in water (50 ppm hardness)	-	Nil (30 seconds)
Water Content, % Weight	IS 1448 P 40	1.82
Thermal Stability	IS 1448 P 100	Passes
pH, at 5% in distilled water	-	9.0
Refractometer Factor	-	1.20
Copper Corrosion, 100°C, 3 Hrs.	ASTM D130	1a

Note : The values quoted are typical of normal production. They do not constitute a specification.



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COMP RR – RECIPROCATING COMPRESSOR LUBRICANT



PRODUCT DESCRIPTION : Atlantis COMP RR are high quality, high performance mineral oils developed for reciprocating air compressors. These oils are formulated with high quality paraffinic base oils combined with an additive system designed to promote oxidation resistance, corrosion protection and robust extreme pressure characteristics. Reciprocating compressors operating at high temperatures and pressures. These oils have exceptional resistance to oxidation and thermal degradation. The outstanding anti-wear and corrosion protection are designed to enhance equipment life, while reducing maintenance needs. They are designed to provide excellent protection and lubrication to crankcase, cylinder and piston rings of reciprocating compressors.

APPLICATION : Atlantis COMP RR are recommended for stationary and portable compressors, including compressors with oil lubricated pressure space, such as single and multistage reciprocating compressors or single and multistage centrifugal compressors. They can also be used in other industrial pneumatic applications but not suitable for breathing air or oxygen compression. Atlantis COMP RR meets IS 13256:1992 (R 2014), DIN 51506

ADVANTAGES :

1. Aids reliable performance in severe, extreme pressure operations, promoting extended compressor service life.
2. Designed to promote protection against oxidation and system corrosion.
3. Robust formulation promotes extended lubricant service life and equipment uptime.
4. Keep-clean performance assists protection against deposit formation and helps reduce fire and explosion risk.
5. Formulated to contribute to compressor performance and protection, helping reduce maintenance and downtime.

Typical Characteristics

Name	Methods	Units	Atlantis COMP RR 32	Atlantis COMP RR 46	Atlantis COMP RR 68	Atlantis COMP RR 100	Atlantis COMP RR 150	Atlantis COMP RR 220	Atlantis COMP RR 320
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	32.2	46.4	68.5	100.4	150.6	220.5	321.0
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	5.7	7.2	9.4	12.3	15.7	20.0	25.1
Viscosity Index	ASTM D2270	-	118	115	115	114	107	104	100
Flash Point, COC	ASTM D92	°C	221	229	231	238	244	251	261
Pour Point	ASTM D97	°C	-16	-16	-13	-12	-11	-10	-9
Copper Strip Corrosion, 3Hrs, 100°C	ASTM D130	-	1b	1b	1b	1b	1b	1b	1b
Rust Test	ASTM D665	-	Passes	Passes	Passes	Passes	Passes	Passes	Passes
Foam Tendency / Stability Sequence 1	ASTM D892	ml	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil	Nil / Nil

Note : The values quoted are typical of normal production. They do not constitute a specification.

COMP RS - ROTARY SCREW COMPRESSOR LUBRICANT



PRODUCT DESCRIPTION : Atlantis COMP RS's highly refined base oils, combined with robust oxidation and rust inhibitors, provide trouble-free compressor operation and reduced maintenance downtime. These oils are an efficient performance, petroleum based compressor oil specially designed for use in oil flood lubricated positive displacement rotary compressors and offers drain intervals of up to five times that of conventional mineral lubricants. The lubricant creates a strong film in order to avoid surface wear. They exhibit reduced carbon forming tendency, anti-foam characteristics and excellent air release property. Because of their high FZG ratings, these oils are excellent choice for compressor systems employing gear and bearings. These oils are compatible with seal materials and paints normally specified for use in compressor systems with mineral oils.

APPLICATION : Atlantis COMP RS are recommended for drain cycles of up to 4000 hours under standard conditions of use. These oils are recommended for oil flooded or oil injected, single or two-stage screw compressors powered by electricity or diesel. They are also suitable for single or two stage rotary vane compressors. Atlantis COMP RS meets IS 13256:1992 (R 2014), DIN 51506.

ADVANTAGES :

1. Excellent oxidation and thermal stability minimizes oil thickening and extends the oil separator life and reduces fouling of coolers & pipes.
2. Good anti-wear protection reduces rotor wear & prevents corrosion when operating under humid conditions.
3. Good thermal stability provides good resistance to thermal break down and capability to work under varied ambient temperatures to offer optimum life and performance.
4. Low ash and carbon formation reduces deposits in discharge lines and the potential fire hazards, improves valve and compressor performance.
5. Rapid air release and resistance to foaming rapid release of foam and air, protecting components from aeration and cavitation damage, leading to reduced wear. It also ensures reliable start-ups and system reliability.
6. Highly refined base oils and inhibitor system resist oxidation and deliver oil drain intervals of five times longer than conventional lubricants

Typical Characteristics

Name	Methods	Units	Atlantis COMP RS 46	Atlantis COMP RS 68
Appearance	Visual	-	Clear & Bright	Clear & Bright
Water Separation @ 54°C (40/37/3)	ASTM D1401	min	15	15
FZG Rating, FLS	ASTM D5182	-	11	11
Air Release	ASTM D3427	min	3	5
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	46.1	68.4
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	7.2	9.5
Viscosity Index	ASTM D2270	-	116	117
Flash Point, COC	ASTM D92	°C	241	245
Pour Point	ASTM D97	°C	-18	-19
Copper Strip Corrosion, 3Hrs, 100°C	ASTM D130	-	1a	1a
Rust Test	ASTM D665	-	Passes	Passes
Foam Tendency / Stability Sequence 1	ASTM D892	ml	Nil / Nil	Nil / Nil

Note : The values quoted are typical of normal production. They do not constitute a specification.



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THERM-O-SYNTH (Synthetic Heat Transfer Fluid)



Typical Characteristics

Appearance : Colourless, Clear and Bright Liquid

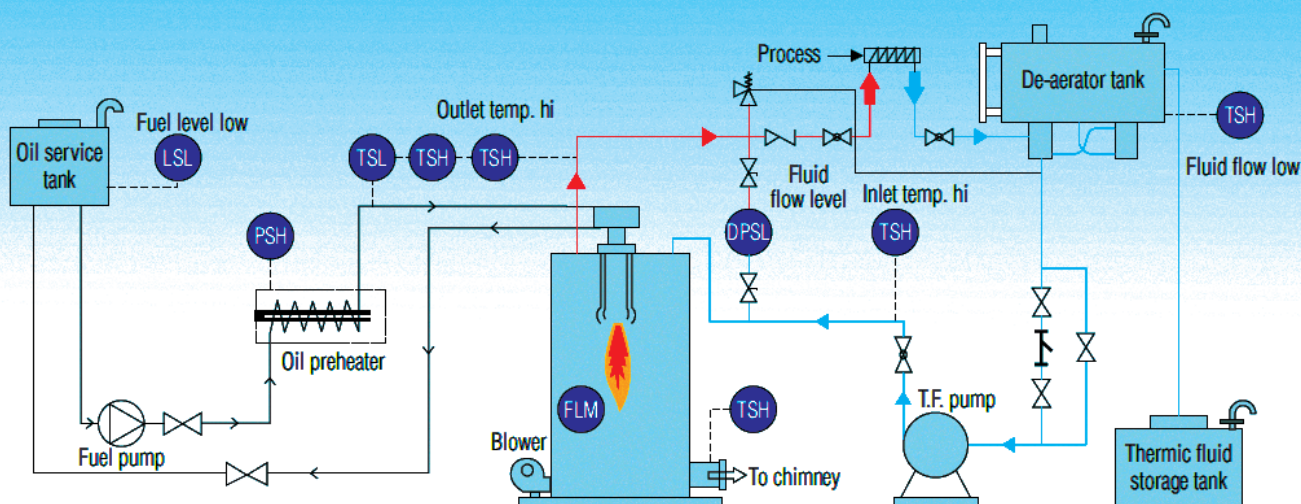
Maximum Bulk/Use Temp.*	326°C
Flash Point ASTM D92	224°C
Fire Point ASTM D92	244°C
Auto Ignition ASTM E-659-78	400 °C
Viscosity ASTM D445	
cSt at 40°C	24-28
cSt at 100°C	4.5
cSt at 326°C	0.45
Pour Point ASTM D97	-18°C
Density ASTM D1298	g/ml
at 40°C	0.844
at 260°C	0.693
at 326°C	0.656
Thermal Expansion Coefficient	0.00096%/°C
Thermal Conductivity	W/m.k
at 40°C	0.142
at 260°C	0.130
at 326°C	0.128
Heat Capacity	kJ/kg K
at 40°C	1.967
at 260°C	2.700
at 326°C	2.870
Vapor Pressure ASTM D2879	kPa
at 40°C	0.00
at 260°C	2.68
at 326°C	11.19
*Maximum Film Temp.	351°C
Total Acid Number, mg KOH/g ASTM D664	0.01
Moisture Content (PPM)	NIL

PRODUCT DESCRIPTION : Therm-O-Synth (SYNTHETIC HTF) is an oxidative and thermally stable synthetic heat transfer fluid rated to 326°C Long lasting and environmentally friendly, it offers precise temperature control at an economical cost.

APPLICATION : Therm-O-Synth (SYNTHETIC HTF) is engineered for precise and efficient temperature control up to 326°C with a high flashpoint, low vapour pressure and an initial boiling point above the maximum operating temperature Therm-O-Synth (SYNTHETIC HTF) offers safety and performance for many diverse applications.

ADVANTAGES : Therm-O-Synth (SYNTHETIC HTF) contains the industry's most effective and resilient blend of additives to ensure long-lasting, trouble-free service. Our exclusive system includes a proprietary, dual stage anti-oxidant and a special blend of metal deactivators, extenders and other agents that prolong fluid life and help keep systems clean. That also means longer life for parts like pumps and rotary seals. Oxidation can cripple your system. Left unchecked, it will ultimately cause catastrophic failure and costly downtime. That's why Therm-O-Synth (SYNTHETIC HTF) thermic oil offers unsurpassed levels of protection against oxidation and a service life that other fluids simply can't match.

Note : The values quoted are typical of normal production. They do not constitute a specification.





Fostering a workplace ethos that
cultivates creativity,
champions excellence
and empowers
proactive initiatives.



Our Clientele



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