















PRODUCT FINDER INDUSTRIAL

COMPRESSOR FLUIDS

Applications	Compressor Fluid	SKU	ISO Grade	Description
	SYN-Air™ Premium Compressor Coolant	2200	46	PAG/POE lubricant designed for most Sullair and Ingersoll-Rand rotary screw compressors. Prevents sludge, varnish, and oil separator fouling. Offers superior wear protection, oxidation resistance, and high viscosity index.
	Ultra-Kleen™ XPL Pure Air	5740	46	PAO compressor oil offering superior oxidation resistance, long lubricant life, and excellent resistance to varnish & deposit formation for most rotary screw, vane and centrifugal compressors. NSF H1 registered.
	Majestic VCT Oil Vacuum, Compressor & Turbine	0221	22	High performance lubricant for use in industrial vacuum pumps, compressors and turbines requiring long-lasting protection against wear, rust, corrosion and varnish deposits. Very low volatility for vacuum service and minimal top-offs.
			32	
			46	
			68	
	Energy Saving Blower Oil	2251	100	Premium performance lubricant designed specifically for the extreme heat, loads, vibration, and start-stop cycles present in roots-type blower and vacuum pump gearboxes.
			150	
			220	
			320	
	Ultra-Kleen HyTemp™ Food Grade Blower Oil	0580	150	Premium food grade lubricant designed for the extreme heat, loads, vibration, and start-stop cycles present in roots-type blower and vacuum pump gearboxes. NSF H1 Registered.
			220	
	No. 206 Refrigeration Compressor Oil	2510	300 SUS	Naphthenic refrigeration compressor oil for systems utilizing Freon (R-12), Freon (R-22), Ammonia (R-717) or CO2 (R-744). ***Always verify lubricant compatibility with Technical Services prior to changing ammonia compressor oils***
	No. 209 Air Tool Oil	0209	22	High performance air tool and airline lubricant designed for unequalled protection against friction, wear, rust and corrosion in piston and rotary type air tools.
	Majestic™ 802 Food Grade Air Tool Oil	0802	22	Food grade air tool and airline lubricant designed for unequalled protection against friction, wear, rust and corrosion in piston and rotary type air tools. NSF H1 registered.
























Application Legend

	Rotary Screw Compressors		Reciprocating Compressors		Refrigeration Compressors
	Rotary Vane / Liquid Ring		Roots / Rotary Lobe		Air Tools & Pneumatics
	Turbine / Centrifugal				

COMPRESSOR FLUIDS

Alternates & Consolidation Options

The following fluids, while not dedicated compressor lubricants, may serve as acceptable alternatives where the preferred fluid is not available or where consolidation with another fluid is desired. It is recommended to always verify application suitability and fluid compatibility with Technical Services prior to changing fluids.

Applications	Alternate Fluid	SKU	ISO Grade	Description
   	SYN-Nth Hydraulic Fluid	0255	22	Premium performance PAO hydraulic & anti-wear industrial fluid. Excellent secondary utility in most rotary screw, vane and reciprocating compressors, as well as vacuum pumps and pneumatic systems.
			32	
			46	
			68	
			100	
   	OPAL Hydraulic & Industrial Fluid	2500	15	High performance hydraulic & anti-wear industrial fluid. Offers strong protection for most rotary screw and vane compressors, as well as vacuum pumps and pneumatic systems.
			22	
			32	
			46	
			68	
	Majestic Hydraulic Fluid	0426	32	Ashless hydraulic & anti-wear industrial fluid. Offers solid protection for most rotary vane and centrifugal compressors.
		46		
		68		
 	Majestic 4Kz	0217	32	Zinc-based hydraulic & anti-wear industrial fluid. Offers solid protection for most rotary vane, reciprocating and centrifugal compressors.
			46	
			68	
			100	
	SYN-Nth Gear Oil	0950	150	Premium performance PAO gear oil. Excellent secondary utility in roots-style rotary lobe blowers and vacuum pumps.
		220		
		320		
 	Ultra-Kleen XPL Light Viscosity Food Grade	5710	22	Premium performance food grade lubricant with excellent secondary utility in vane / ring compressors & pumps.
			32	
  	Ultra-Kleen XPL Medium Viscosity Food Grade Lubricant	5720	46	Premium performance food grade lubricant with excellent secondary utility in rotary & reciprocating compressors.
			68	
			100	
	Ultra-Kleen XPL High Viscosity Food Grade Lubricant	5730	150	Premium performance food grade lubricant with excellent secondary utility in roots-style rotary lobe blowers.
			220	
			320	
 	Ultra-Kleen SP (Low Viscosity)	5810	15	High performance food grade lubricant offering strong protection for most rotary compressors & pneumatic systems.
			22	
			32	
  	Ultra-Kleen SP (Medium Viscosity)	5820	46	High performance food grade lubricant offering strong protection for most rotary and reciprocating compressors.
			68	
			100	
	Majestic 819 Food Grade Hydraulic & Compressor Oil	0819	32	Food grade hydraulic & anti-wear industrial fluid. Offers solid protection for most rotary vane and centrifugal compressors.
			46	
			68	

Application Legend

	Rotary Screw Compressors		Reciprocating Compressors		Refrigeration Compressors
	Rotary Vane / Liquid Ring		Roots / Rotary Lobe		Air Tools & Pneumatics
	Turbine / Centrifugal				

GEAR OILS

Applications	Gear Oil	SAE Gear Grade	ISO Grade	AGMA Grade	SKU	Description
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Automotive Gear Oils

	Hydro-Syn EP	75W-90	100	3 EP	0027-7590	Premium performance API GL-5 gear oil for severe duty differentials, final drives and wheel hubs operating over a wide temperature range
		80W-140	320	6 EP	0027-80140	
	Hydro-Syn EP Limited Slip	75W-90	100	3 EP	0277-7590	Premium performance API GL-5 gear oil for severe duty limited-slip differentials, final drives and wheel hubs operating over a wide temperature range
		80W-140	320	6 EP	0277-80140	
	Multi-Film	80W-90	220	5EP	0020-8090	High performance API GL-5 gear oil for heavy duty differentials, final drives and wheel hubs
		80W-140	320	6EP	0020-80140	
	Moly-Plus	80W-140	320	6EP	0022-80140	High performance API GL-5 gear oil, with Molybdenum Disulfide for extra protection

Industrial Gear Oils

	SYN-Nth Gear Oil	—	150	4 EP	0950-150	Premium performance, very long life, energy saving industrial gear oil for severely loaded gearboxes operating over wide temperature ranges. SYN-Nth Gear Oil provides outstanding protection against scuffing and micropitting and has been proven to significantly reduce wear in wind turbine gearboxes.
		90	220	5 EP	0950-220	
		90	320	6 EP	0950-320	
		—	390	—	0950-390	
		140	460	7 EP	0950-460	
	No. 930 Series Industrial Gear Lubricants	80	68	2 EP	0930-068	High performance, long life industrial lubricant for heavily loaded or high temperature gearboxes, bearings and circulating systems. Formulated for high film strength and oxidation stability to protect gear teeth and extend service intervals.
		85	100	3 EP	0930-100	
		—	150	4 EP	0930-150	
		90	220	5 EP	0930-220	
		90	320	6 EP	0930-320	
		140	460	7 EP	0930-460	
	Majestic EP Gear Lubricant	—	150	4 EP	0493-150	General purpose industrial gear oil for light- to moderately-loaded gearboxes
		90	220	5 EP	0493-220	
		90	320	6 EP	0493-320	
		140	460	7 EP	0493-460	

Special Application Gear Oils

	Systems I Non-EP	—	220	5	0910-220	Industrial lubricant for gearboxes, backstops, paper machine dry ends, and other machinery containing yellow metals or requiring a non-EP oil. Formulated to protect gears and equipment components.
		—	320	6	0910-320	
		—	460	7	0910-460	
	Worm Gear Oil	140	460	7 COMP	0921-460	Industrial lubricant for worm gears and cone drives featuring a synthetic compounding agent to minimize friction.
		250	680	8 COMP	0921-680	
	No. 940 Series Industrial Gear Lubricant	250	1000	8A EP	0940-1000	High viscosity lubricant for highly loaded open and enclosed gears. Applications include heavy duty mining and quarrying equipment.
	Ultra-Kleen PAG	—	220	5 EP	0953-220	PAG (poly-alkylene glycol) lubricant for select industrial and food processing equipment gearboxes and other machinery requiring protection from extreme temperatures, heavy loads, and sliding wear. Registered NSF H1 Food Grade. Note: PAGs are not compatible with other lubricant types.
		—	320	6 EP	0953-320	
		—	460	7 EP	0953-460	
		—	680	8 EP	0953-680	

NSF H1 Food Grade Gear Oils

	Ultra-Kleen XPL High Viscosity Food Grade Lubricant	—	150	4	5730-150	Premium performance food grade lubricant that provides outstanding wear protection for heavily loaded gears, bearings, and food processing machinery.
		—	220	5	5730-220	
		—	320	6	5730-320	
		—	460	7	5730-460	
		—	680	8	5730-680	
	Ultra-Kleen SP	—	150	4	5830-150	Food grade lubricant for gearboxes and other machinery used in the production and processing of food, beverage, cosmetics, personal care and packaging materials. Ultra-Kleen Food Grade Gear Oil protects gearboxes, drives, and bearings against friction, wear, moisture, and corrosion.
		—	220	5	5830-220	
		—	320	6	5830-320	
		—	460	7	5830-460	
		—	680	8	5830-680	

Note: For PAG (poly-alkylene glycol) lubricant, see Ultra-Kleen PAG above.

Application Legend

	Differentials, Axles & Final Drives		Industrial Bearings & Machinery		Open Gears		Paper & Textile Machinery		Extreme Temperatures
	Industrial Gears—Spur, Spiral & Bevel		Worm Gears		Wind Turbines		Food Machinery		Severe/Shock Loads

GREASES

PHYSICAL PROPERTIES

LOAD ENVIRONMENT TEMPERATURE SPEED

Market Segments	SKU	Grease	Color	Thickener	ISO Grade	NLGI Grade	Tackiness Index	PHYSICAL PROPERTIES										Typical Applications			
								AW	EP	Water	Oxidation	Pumpability	LTL (°F)	HTPL (°F)	Dropping Point (°F)	Low Speed	High Speed		Vibration/Oscillation		
	0065	HyPlex	Royal Blue	Lithium Complex	150	2	13, 6	...	..	..	...	..	-25	300	574	..	...	...	High speed, multipurpose mobile and industrial applications operating over a wide temperature range, GC-LB certified (NLGI 2 only)		
								1	6, 5	...	..	..	...	..	-25					300	577
								0		...	..	..	...	..	-25					300	469
								00		...	..	..	...	..	-25					300	441
	0070	Hydro-Syn 70	Purple	Lithium Complex	320	2	15, 20	...	...	...	..	..	-25	300	579	...	..	...	Heavy duty, multipurpose mobile and industrial applications operating over a wide temperature range		
								1	9, 28	...	...	...	..	..	-25					300	572
	9003	Corrosion Control	Green	Calcium Sulfonate	220	2	15, 4	...	...	...	..	..	-40	300	570	..	..	...	Wet, extreme contamination or severe load conditions		
								1	8, 8	...	...	...	..	..	-40					300	510
	9460	Corr. Control 460	Beige	Calcium Sulfonate	460	2	25, 10	...	...	...	..	..	-40	300	600	...	..	...	Wet, submerged, extreme contamination or severe load conditions		

Premium Performance Greases

High Performance Greases

	0064	Ruby-Tac 220	Red	Lithium Complex	220	2	10, 10	...	..	..	..	..	-25	285	572	..	..	..	Multipurpose mobile and industrial applications. GC-LB Certified (NLGI 2 only)		
								1	6, 10	...	..	..	..	..	-25					285	532
	0063	Ruby-Tac 460	Red	Lithium Complex	460	2	15, 15	..	..	..	..	..	-20	285	572	...	..	..	Low speed or high speed bearings; Paper & Textile machine wet ends		
	0863	Ruby-Tac 460 Plus Moly	Dark Red	Lithium Complex	460	2	15, 15	..	...	..	..	..	-20	285	572	...	..	...	Earth-moving machinery, contains 3% Moly		
	0820	Pin-Tac	Dark Gray	Lithium	320	2	16, 37	..	...	...	..	..	-10	250	399	...	..	...	Pins & bushings, contains 3% Moly		
								1		..	...	...	..	..	-20					250	397
	0060	MTP Ultra	Pink	Lithium	320	3	25, 6	..	..	...	..	..	-10	250	406	...	..	..	Vertical shafts, outer race rotation, vibration		
								2	14, 7	...	..	..	..	..	-10					250	399
								1	6, 9	...	..	..	..	..	-20					250	397
	0055	Acculube	White	Lithium	220	2	14, 7	..	..	...	..	..	-10	250	399	...	..	..	Heavy duty, general purpose mobile and industrial applications		
								1	6, 9	..	..	...	..	..	-20					250	397
								0	3, 8	..	..	..	...	..	-25					250	384
								00		..	..	..	...	..	-30					225	374
	0050	Super Shield	Gray	Lithium	320	2	14, 22	..	..	..	..	..	-10	225	385	..	..	..	General purpose mobile and industrial applications.		
								1	6, 9	..	..	..	..	..	-20					225	360

Special Application Greases

	0036	Pivot System Grease	Purple	Lithium Complex	SG 390	00	2, 73	...	...	...	...	...	-40	225	366	...	..	...	Irrigation pivot gear boxes, enclosed gear boxes
	0067	Polygard EM	Blue	Polyurea	150	2,1	10, 3	...	...	...	..	..	-20	300	500	..	...	..	High speed electric motors, general purpose
	0500	Moly-Temp 500	Dark Gray	Bentonite	460	1.5	8, 7	...	...	...	..	..	10	325	None	...	..	...	Low speed plain or roller bearings at high temperatures
	0602	Perma-Temp with Moly	Dark Gray	Bentonite	100	2	11, 4	...	...	...	..	..	-5	325	None	..	...	..	High speed plain or roller bearings over a wide temperature range
	0670	COPR Gear Cote	Copper	Silica Gel	5000	2	50, 70	...	...	...	..	..	10	325	None	...	...	...	Open gear, mining, sliding wear pads
	0821	Ag-Tac	Dark Gray	Lithium	320	2	16, 35	..	..	...	..	..	-5	225	400	..	..	..	Multipurpose agriculture machinery grease

Food Grade Greases

	0540	Ultra-Kleen 540 FG Grease	White	Calcium Sulfonate	220	2	13, 3	...	...	...	..	..	-40	285	584	...	...	...	Heavy duty anti-corrosion grease for food industry, brine and acid resistant, submerged bearings		
								1	6, 3	...	...	...	..	..	-40					285	550
	0550	Ultra-Kleen 550 White	White	Aluminum Complex	100	2	10, 1	...	..	..	..	..	-20	250	509	..	...	..	Multipurpose grease for food industry		
								1	6, 3	...	..	..	..	..	-20					250	509
								0	3, 6	...	..	..	...	..	-20					250	—
								00		...	..	..	...	..	-20					250	—
	0553	Ultra-Kleen 553 Kleer	Clear	Aluminum Complex	220	2	12, 2	..	...	...	..	..	-20	285	536	...	..	..	Non-staining high temperature grease for food industry		
								1	5, 4	..	...	...	..	..	-20					285	509
	0555	Ultra-Kleen 555 White	White	Aluminum Complex	100	2	14, 21	...	...	...	..	..	-20	250	536	..	...	..	Multipurpose tacky grease for food industry		
								1	5, 13	...	..	..	..	..	-20					250	509
								0	2, 16	...	..	..	...	..	-20					250	—
								00		...	..	..	...	..	-20					250	—
	0556	Ultra-Kleen 556 Kleer	Clear	Aluminum Complex	100	2	14, 21	...	...	...	..	..	-20	250	536	..	..	..	Non-staining tacky grease for high speed bearings, packaging and bottling		
								1	5, 13	..	...	..	..	..	-20					250	509
	0557	Ultra-Kleen 557 FG Grease	Beige	Aluminum Complex	220	2	14, 20	...	..	...	..	..	-20	250	554	...	..	..	Multipurpose tacky grease for food industry		
								1	5, 15	...	..	...	..	..	-20					250	536

Definitions

ISO Grade—The viscosity grade of the grease's base oil. "SG" indicates a non-standard "special grade."

Tackiness Index—The Hydrotex proprietary method of measuring tackiness as a combination of work and elongation. *Work* is the energy required to stretch or deform the grease. It correlates with the grease's ability to stay in place. *Elongation* is a measure of the adhesive-cohesive "stringiness" of a grease.

AW—Anti-wear protection, prevents equipment wear due to metal-to-metal contact
EP—Extreme Pressure protection, prevents equipment wear, welding and scoring due to extreme static loads and shock loads

Water—Resistance to water, humidity and wash-down conditions

Oxidation—Resistance to high temperature oxidation and thermal breakdown, ensures long grease life

Pumpability—Measure of the fluidity of a grease, important for automatic lubricators

LTL—Low Temperature Limit, the lowest recommended operating temperature

HTPL—High Temperature Performance Limit, the highest recommended constant operating temperature at which standard greasing intervals can be maintained

Dropping Point—The temperature at which a grease passes from a semi-solid to a liquid state under specific test conditions

Low Speed—Speeds up to 1800 RPM in a 4 inch bearing, or 3600 RPM in a 2 inch bearing, refer to OEM specifications or contact Hydrotex Technical Response Team for exact speed limitations

High Speed—Speeds between 1800 RPM and 4800 RPM in a 4 inch bearing, or 3600 to 10,000 RPM in a 2 inch bearing, refer to OEM specifications or contact Hydrotex Technical Response Team for exact speed limitations

Vibration/Oscillation—Bearings and other applications that move only at small angles or very low rotational speeds. Greases with good EP characteristics and high base oil viscosities protect well against fretting and false brinelling wear

HYDRAULIC FLUIDS

Applications	Hydraulic Fluid	SKU	ISO Grade	Fluid Life	Description
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Premium Hydraulic Fluid

	SYN-Nth Hydraulic Fluid	0255	22	Best	Premium performance hydraulic & industrial fluid for severe service applications operating over a wide temperature range. Reduces energy consumption up to 13% in high pressure vane and piston pumps compared to conventional oils. Excellent resistance to varnish and oxidation. Reduced environmental impact.
			32		
			46		
			68		
			100		
	BIO-XPL Hydraulic	2600	32	Best	Extreme performance readily biodegradable fluid for severe service and environmentally sensitive applications. Reduces friction up to 17% versus conventional fluids, reduces energy consumption with excellent fluid life and resistance to varnish and oxidation.
			46		

High Performance Hydraulic Fluid

	OPAL™	2500	15	Better	High performance hydraulic & industrial fluid for improved energy efficiency and output, up to 6%. Combats wear, cavitation and varnish. Reduced environmental impact.
			22		
			32		
			46		
			68		
	BIO-OPAL™	2510	15	Better	High performance readily biodegradable fluid for continuous service and environmentally sensitive applications. Reduces friction up to versus conventional fluids, reduces energy consumption with long life and resistance to varnish and oxidation.
			22		
			32		
			46		
			68		

General Purpose Hydraulic Fluid

	Majestic Hydraulic Fluid	0426	32	Good	General purpose hydraulic fluid for light to moderate duty applications and where leakage or unavoidable contamination prevents extended drains. Zinc-free additive package is non-bioaccumulative for reduced environmental impact.
			46		
			68		
	Majestic 4Kz	0217	32	Good	General purpose zinc-based hydraulic fluid for light to moderate duty applications, or applications where leakage or unavoidable contamination prevents extended drains.
			46		
			68		
			100		

Special Application Hydraulic Fluid

	SYN-Nth HyTrax	4101	SAE 10W-30	Premium performance all-season power transmission fluid for use in most construction and mining equipment. Reduces fuel consumption up to 10% when compared to conventional oils. Excellent resistance to varnish and oxidation. Meets and exceeds Caterpillar TO-4M specification.
	Hy-Torque	0004	SAE 5W-30	Premium performance, extended life agriculture power transmission and hydraulic fluid for use in most tractors, combines, harvesters and forklifts. Meets and exceeds John Deere J20C specification.
	Ag-Torque	0401	SAE 10W-30	High performance agriculture power transmission and hydraulic fluid for use in most tractors, combines, harvesters and forklifts. Meets and exceeds John Deere J20C.
	BIO-XPL FRHF	2650	32	Bio-ester fire resistant hydraulic fluid for use near glass and metal furnaces or other applications where hydraulic leaks may pose a fire hazard.
			46	
	Majestic 261 Fire Resistant Hydraulic Fluid	0261	46	Water-glycol fire resistant hydraulic fluid for use near glass and metal furnaces or other applications where hydraulic leaks may pose a fire hazard.

HYDRAULIC FLUIDS

Applications	Hydraulic Fluid	SKU	ISO Grade	Fluid Life	Description
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NSF H1 Food Grade Hydraulic Fluid

	Ultra-Kleen XPL Light Viscosity Food Grade Lubricant	5710	22	Premium performance food grade lubricant that provides outstanding wear protection for hydraulic systems, air compressors, and pneumatic equipment.
			32	
	Ultra-Kleen XPL Medium Viscosity Food Grade Lubricant	5720	46	Premium performance food grade lubricant that provides outstanding wear protection for hydraulic systems, air compressors, and food processing and packaging systems.
			68	
			100	
	Ultra-Kleen SP Food Grade Lubricant	5810	15	High performance, food grade hydraulic and compressor fluid for use in the food & beverage, water treatment, cosmetic, pharmaceutical and agriculture industries.
			22	
		5820	32	
			46	
			100	
	Majestic 819 Food Grade Hydraulic Oil	0819	32	General purpose, food grade hydraulic fluid for light to moderate duty applications, or applications where leakage or unavoidable contamination prevent extended drains.
			46	
			68	
	Ultra-Kleen XPL FRHF	5750	46	Food grade bio-ester fire resistant hydraulic fluid for use near glass and metal furnaces or other applications where hydraulic leaks may pose a fire hazard.

Application Legend

Hydraulic Systems	Construction Power Transmission & Hydraulic Fluid	High Temperature
Bearings & Circulating Systems	Fire Resistant	Low Temperature
Agriculture Power Transmission & Hydraulic Fluid	Reduced Environmental Impact	Energy Efficient