

**INDUSTRIAL**

 **INDUSTRIAL  
LUBRICANTS**

Cyclon INDUSTRIAL series of lubricants surpass the very different requirements of all core industrial segments systems due to our 35 years of hands-on experience developing superior technology lubricants. Our comprehensive product range is engineered to meet high levels of performance in a variety of industrial applications (from hydraulics and compressors to pneumatic tools and greases, for example), to ensure minimal operational or maintenance costs and avoid undesirable breakdowns.

**INDUSTRIAL oils – manufactured in the EU – stand for superior performance and overall equipment reliability for your peace of mind.**







## INDUSTRIAL TITANUS EP

High quality, heavy duty, lead-free gear lubricants with extreme pressure (EP) additives. A specially balanced additive system provides extreme pressure and anti-wear protection, rust and corrosion prevention, increased oxidation stability and resistance to foaming. It also provides excellent load-carrying capacity. They are recommended for all types of enclosed gear drives. They are suitable for both circulation and splash lubrication systems and are particularly recommended for gear sets operating under heavy or shock loads.

**AIST (U.S. Steel) 224; David Brown S1.53.101; ISO 6743-6 (ISO-L-CKB, ISO-L-CKC, ISO-L-CKD, ISO-L-CKG); DIN 51517 Part 3 CLP; ANSI (AGMA) 9005-E02**

CODE	GRADE /SAE	PACKAGING
J100501	68	208L
J105004	68	20L (PAIL)
J101001	100	208L
J101004	100	20L (PAIL)
J101501	150	208L
J101504	150	20L (PAIL)
J102001	220	208L
J102004	220	20L (PAIL)
J102501	320	208L
J102504	320	20L (PAIL)
J103001	460	208L
J103004	460	20L (PAIL)
J103501	680	208L
J103504	680	20L (PAIL)
J104001	1000	208L



## INDUSTRIAL TITANUS EP SYNPAO

Premium tier, fully synthetic industrial gear oils formulated to deliver a high level of microscopic wear resistance and bearing protection. They are formulated with a specially selected PAO-based basestock and a top of the class additive system that will provide outstanding thermal stability and high load-carrying capacity. Compatible with the elastomers and paints found in modern gearbox designs.

**DIN 51517-3 (2008/11), DIN 51502; ISO 6743-6 (ISO-L-CKC/-CKD), ISO 12925-1 CKC, CKD (2002); AIST (U.S. Steel) 224 (Updated); David Brown S1.53.101; AGMA 9005-E02 (2002) EP Oils**

**Meets: Siemens MD (Flender), Müller Weingarten GmbH (Schuler Pressen), Fives (Cincinnati Milacron) EP GO; Brugger Test (>65 N/mm<sup>2</sup>)**

CODE	GRADE /SAE	PACKAGING
J104501	220	208L
J104504	220	20L (PAIL)
J105001	320	208L
J105004	320	20L (PAIL)



## INDUSTRIAL CYBIO-GEAR

High performance, synthetic biodegradable lubricants for enclosed industrial gears and bearings in environmentally sensitive applications.

**ISO 15380 (HEES); Ecolabel-Certifiable**

CODE	GRADE /SAE	PACKAGING
J105501	220	208L
J105504	220	20L (PAIL)
J106001	320	208L
J106004	320	20L (PAIL)



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## INDUSTRIAL LEDA

Advanced bearing and circulating oil formulated to provide outstanding service in many hydraulic applications that do not require anti-wear protection. They contain anti-rust and anti-foam agents and exhibit excellent demulsibility properties. They are appropriate for the lubrication of bearings, vacuum pumps and industrial gears where the highest thermal stability is required. Recommended for the lubrication of plain and rolling bearings as well as for lightly loaded spur, bevel, helical and worm gears.

DIN 51524 Part 1 HL, 51517 Part 1 CL; ISO 6743-4 (ISO-L-HL), 6743-6 (ISO-L-CKB)

CODE	GRADE /SAE	PACKAGING
J108001	100	208L
J108004	100	20L (PAIL)
J108501	150	208L
J108504	150	20L (PAIL)
J109001	220	208L
J109004	220	20L (PAIL)
J109501	320	208L
J109504	320	20L (PAIL)
J110001	460	208L
J110004	460	20L (PAIL)



## INDUSTRIAL SILVER

Premium quality pure paraffinic mineral lubricants with good viscosity retention properties due to their high viscosity index. They do not contain additives. Suitable for general tool lubrication where a simple (without additives) mineral oil is adequate. It is suitable for wooden casts (special forms for concrete shaping).

CODE	GRADE /SAE	PACKAGING
J110501	10W	208L
J110505	10W	15L
J110508	10W	4 x 4L
J110509	10W	12 x 1L
J111001	30	208L
J111005	30	15L
J111008	30	4 x 4L
J111009	30	12 x 1L



## INDUSTRIAL PREMIUM

High viscosity index lubricants fortified with anti-oxidant, anti-corrosion, anti-foaming and anti-freezing additives. They resist deposit formation and protect metal surfaces from rust and corrosion. Suitable for general machinery lubrication and low load hydraulic and circulating systems.

CODE	GRADE /SAE	PACKAGING
J111501	10W	208L
J111504	10W	20L (PAIL)
J111508	10W	4 x 4L
J111509	10W	12 x 1L
J112001	30	208L
J112004	30	20L (PAIL)
J112008	30	4 x 4L
J112009	30	12 x 1L
J112501	40	208L
J112504	40	20L (PAIL)
J112508	40	4 x 4L
J112509	40	12 x 1L





## INDUSTRIAL HYDRAULIC

High quality oils with extreme pressure (EP) additives for hydraulic systems. They provide outstanding protection against wear, corrosion and oxidation. The careful use of additives ensures quick air release without excessive foaming, good chemical stability in the presence of moisture and superior filterability.

**DIN 51524 Part 2 HLP; Parker (Denison) HF-0, HF-2, HF-1; AFNOR NFE 48-603 HM; Vickers M-2950-S, I-286-S; Eaton 35VQ25; Fives (Cincinnati Milacron) P68 (ISO 32), P69 (ISO 68), P70 (ISO 46); ISO 11158 HM (CETOP RP 91 H); ISO 6743-4 (ISO-L-HM); Bosch Rexroth RE 90220; SAE MS 1004 (HM); JCMAS P041 HK; ANSI (AGMA) 9005-E02-RO; GM LS-2; AIST (U.S. Steel) 126, 127; SEB 181222**

CODE	GRADE /SAE	PACKAGING
J115401	22	208L
J115404	22	20L (PAIL)
J115501	32	208L
J115504	32	20L (PAIL)
J116001	46	208L
J116002	46	60L
J116004	46	20L (PAIL)
J116006	46	10L (PAIL)
J116008	46	4 x 4L
J116501	68	208L
J116504	68	20L (PAIL)
J116508	68	4 x 4L
J117001	100	208L
J117004	100	20L (PAIL)
J117501	150	208L
J117504	150	20L (PAIL)



## INDUSTRIAL HYDRAULIC SP

Premium quality, high viscosity index, anti-wear hydraulic oils designed to meet the all-season requirements of major hydraulic system manufacturers and users. The high VI and low pour points ensure pump start-up at low temperatures while maintaining oil viscosity at high operating temperatures. The viscosity retention provides effective anti-wear protection to pumps even in severe service hydraulic applications of high pressure and wide temperature variations.

**DIN 51524 Part 3 HVLP; ISO 6743-4 (ISO-L-HV); Parker (Denison) HF-0, HF-2; AFNOR NFE 48-603 HV; Vickers M-2950-S, I-286-S; Case IH Poclair**

CODE	GRADE /SAE	PACKAGING
J118001	15	208L
J118004	15	20L (PAIL)
J118501	32	208L
J118504	32	20L (PAIL)
J119001	46	208L
J119004	46	20L (PAIL)
J119501	68	208L
J119504	68	20L (PAIL)
J120001	100	208L
J120004	100	20L (PAIL)



## INDUSTRIAL HYDRAULIC ZF

Very high purity, zinc-free hydraulic oils with excellent demulsification properties, resistance to ageing, corrosion protection and anti-wear properties.

**Parker (Denison) HF-0, HF-1, HF-2; ISO 6743-4 (ISO-L-HM); DIN 51524 Part 2 HLP; AFNOR NFE 48-603 HM; SS 155434; VDMA 24318; SEB 181222; AIST (U.S. Steel) 127, 136**

CODE	GRADE /SAE	PACKAGING
J120501	32	208L
J120504	32	20L (PAIL)
J121001	46	208L
J121004	46	20L (PAIL)
J121501	68	208L
J121504	68	20L (PAIL)



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## INDUSTRIAL CYBIO-HFE

Fully synthetic, zinc-free, rapidly biodegradable, high-performance hydraulic fluid. It is suitable for hydraulic systems in environmentally sensitive shore/offshore applications.

ISO 15380 (HEES); Ecolabel-Certifiable

CODE	GRADE /SAE	PACKAGING
J122001	46	208L
J122004	46	20L (PAIL)
J122501	68	208L
J122504	68	20L (PAIL)



## INDUSTRIAL HERCULES

High quality compressor oils of VDL type with low evaporation losses, as defined by DIN 51506. They have very high thermal and oxidation stability resulting to low coking tendencies and excellent ageing resistance. They are fortified with zinc-free anti-wear additives ensuring excellent wear protection and very good filterability. The grades ISO 46 and 68 are particularly recommended for rotary screw and vane air compressors. The grades ISO 68 to 100 are suitable for use in any single- or multi-stage reciprocating compressors.

DIN 51506 VDL (air exhaust 220°C); ISO 6743-3 (ISO-L-DAA, ISO-L-DAB, ISO-L-DAG, ISO-L-DAH)

CODE	GRADE /SAE	PACKAGING
J123001	32	208L
J123004	32	20L (PAIL)
J123501	46	208L
J123504	46	20L (PAIL)
J124001	68	208L
J124004	68	20L (PAIL)
J124501	100	208L
J124504	100	20L (PAIL)



## INDUSTRIAL HERCULES SYNPAO

Premium quality, fully synthetic compressor oils. They provide superb protection against deposits formation, rust and oxidation, low evaporation losses and low tendency for the build-up of residue. They offer excellent oxidation resistance and superior cleanliness over long service periods. They are suitable for screw, rotary, vane and centrifugal stationary and mobile air compressors. They can be used for single-stage as well as multi-stage compressors. They exceed the requirements of all major air compressor OEMs, such as Atlas Copco, Bauer, Ingersoll Rand, etc.

DIN 51506 VDL; ISO 6743-3 (ISO-L-DAG, ISO-L-DAH, ISO-L-DAJ)

CODE	GRADE /SAE	PACKAGING
J125501	46	208L
J125504	46	20L (PAIL)
J126001	68	208L
J126004	68	20L (PAIL)



## INDUSTRIAL HERCULES SYNPOE

Premium quality, reciprocating air compressor lubricant based on high performance polyolesters and incorporating the latest additive technology to provide outstanding performance in the most demanding applications. Formulated for all industrial reciprocating air compressors. Specially recommended for reciprocating compressors operating at continuously high pressures and high discharge temperatures.

DIN 51506 VDL; ISO 6743-3 (ISO-L-DAA, ISO-L-DAB, ISO-L-DAC)

CODE	GRADE /SAE	PACKAGING
J126501	100	208L
J126504	100	20L (PAIL)



## INDUSTRIAL HERCULES LPG

Synthetic polyalkylene glycol-based, compressor lubricant for use in enclosed reciprocating compressors operating in LNG/methane, ethane, LPG/propane/butane, ethylene, propylene, butadiene, ammonia, vinylchloride and dry inert gases environments.

**ISO 6743-3 (ISO-L-DAA, ISO-L-DAB, ISO-L-DAC)**  
Meets: Linde, Burckhardt Compression

CODE	GRADE /SAE	PACKAGING
JI25001	150	208L
JI25004	150	20L (PAIL)



## INDUSTRIAL TURBINE

Premium quality turbocharger oils designed to provide superior thermal and oxidative stability in severe service operations. They are formulated to provide all the performance requirements of a lubricant for use in modern steam and medium duty gas turbines. It has been designed to enable the higher oxidation performance required by modern turbine oil specifications including RPVOT and TOST requirements. They provide excellent anti-rust protection and anti-foam and water separation. Suitable for turbines in industrial and marine environments. They are, also, recommended for circulating systems requiring R&O oils, as well as in hydraulic systems requiring an R&O-type oil (low pressure).

**DIN 51515 LTD Part II; ISO 6743-5 (ISO-L-TGA, ISO-L-TSA); AGMA R&O; B.S. 489; Siemens TLV 9013 04; MIL-L-17672D**

CODE	GRADE /SAE	PACKAGING
JI28001	32	208L
JI28004	32	20L (PAIL)
JI28501	46	208L
JI28504	46	20L (PAIL)
JI29001	68	208L
JI29004	68	20L (PAIL)
JI29501	100	208L
JI29504	100	20L (PAIL)



## INDUSTRIAL ROCK DRILL

Heavy duty lubricants with extreme pressure and adhesion additives. Suitable for pneumatic and cool the mechanisms of air-operated rock drills used under high pressure/temperature conditions in quarries and construction works.

**ISO 6743-11**

CODE	GRADE /SAE	PACKAGING
JI30001	46	208L
JI30004	46	20L (PAIL)
JI30501	68	208L
JI30504	68	20L (PAIL)
JI31001	100	208L
JI31004	100	20L (PAIL)



## INDUSTRIAL HTO THERMO

Low viscosity lubricant with special anti-oxidation additives. Due to its high specific heat and heat conductivity coefficients, high heat transfer rates are possible. It is suitable for heat transfer systems operating between 10°C and 320°C. It is to be used in closed-circulated heat transfer systems in industrial applications, such as in the process industry, chemical plants, textile productions, etc. It can, also, be used for steel quenching processes.

**ISO 6743-12**

CODE	GRADE /SAE	PACKAGING
JI31501	—	208L
JI31504	—	20L (PAIL)



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## INDUSTRIAL MATRIX

General purpose, water-miscible cutting fluid concentrate. When mixed with water, it forms a milky white emulsion. The product must be stored in a cool place. It should always taken into consideration that the mixing is done by adding the oil in the water and not vice versa. Suitable for all general purpose machining operations of a wide variety of steel and non steel alloys where cooling is essential to the operation. The usual mixing ratio with water is 5%.

ISO 6743-7 (ISO-L-MAA)

CODE	GRADE /SAE	PACKAGING
J132001	—	208L
J132004	—	20L (PAIL)



## INDUSTRIAL STEELCUT

Multi-purpose, EP, neat cutting oil. It consists of a highly refined mineral oil and chlorine-free extreme pressure additives. It is suitable for a variety of operations: milling, turning, deep hole drilling of medium and high tensile steel alloys and cast iron.

ISO 6743-7 (ISO-L-MHD)

CODE	GRADE /SAE	PACKAGING
J132501	—	208L
J132504	—	20L (PAIL)



## INDUSTRIAL ALUCUT

High quality, multi-purpose, neat, cutting oil. It consists of a highly refined mineral basestock and an advanced chlorine-free, extreme pressure, "inactive sulphur" additive package. It is suitable for a variety of metalworking operations, such as gear cutting, high speed hobbing, thread grinding, milling and honing on a variety of non-ferrous (e.g. copper, bronze, etc.) and low medium tensile steel metal applications.

ISO 6743-7 (ISO-L-MHC)

CODE	GRADE /SAE	PACKAGING
J133001	—	208L
J133004	—	20L (PAIL)



## INDUSTRIAL AXEL

Heavy duty lubricants based on highly refined mineral oils that contain additives to enhance tackiness, anti-wear behavior and stick-slip characteristics. Specially designed for the lubrication of machine tool slides and tables. They are suitable for machine tool slideways operating under extreme pressure and high temperature conditions. ISO 68 can also be used as a hydraulic fluid in case of common lubrication systems.

DIN 51524 Part 2 HLP; ISO 6743-13

CODE	GRADE /SAE	PACKAGING
J133501	68	208L
J133504	68	20L (PAIL)
J134001	220	208L
J134004	220	20L (PAIL)





## INDUSTRIAL SUPER LIFT

Special lubricant for the hydraulic system employed in elevators. They ensures the smooth and consistent performance of the system and provide excellent air release properties. Recommended for all types of hydraulic lifts.

DIN 51524 Part 2 HLP

CODE	GRADE /SAE	PACKAGING
JI34501	46	208L
JI34504	46	20L (PAIL)
JI35001	68	208L
JI35004	68	20L (PAIL)



## INDUSTRIAL METALFLUID

High viscosity index monograde lubricant. It is a special product suitable for the lubrication of metal casts.

CODE	GRADE /SAE	PACKAGING
JI40005	—	15L



## INDUSTRIAL ELECTRO

A non-inhibited insulating oil manufactured from high quality naphthenic feedstocks. It offers good dielectric properties, good oxidation stability and provides efficient heat transfer. It has excellent low temperature properties achieved without the use of pour point depressants. It is suitable for high voltage transformers, switchgears and other electrical equipment.

B.S. 148 Class I; IEC 296 Class I/II, 60296 Ed. 4 (2012)

CODE	GRADE /SAE	PACKAGING
JI35501	—	208L
JI35504	—	20L (PAIL)



## INDUSTRIAL WHITE OIL

Pharmaceutical white oils made by high quality, extremely refined paraffinic oils. They are aromatic-free paraffinic oils complying to the very strict Pharmacopoeia purity requirements. They are suitable for use in the production of medicines, cosmetics, the food industry and other applications that require extremely clean base oils.

FDA CFR 178.3570 (NSF H1), CFR 172.878 (NSF H3), CFR 178.3620a; InS H1/3H  
Meets: FUI XI; DAB 10; U.S. Pharmacopeia XXX; NF XXV; BP 2005; Eur. Ph. V Ed.

CODE	GRADE /SAE	PACKAGING
JI36001	15	208L
JI36004	15	20L (PAIL)
JI36501	32	208L
JI36504	32	20L (PAIL)
JI37001	68	208L
JI37004	68	20L (PAIL)



## INDUSTRIAL WHITE OIL (TECH.)

Highly refined, light viscosity, paraffinic oil of non-staining performance. Blended from highly refined mineral oils, it is used as a lubricant in textile applications, in the paper industry, as a process oil in the food industry, or any other industry where the oil must not cause a stain.

FDA CFR 178.3620b, CFR 178.3620c

CODE	GRADE /SAE	PACKAGING
JI37501	15	208L
JI37504	15	20L (PAIL)



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## INDUSTRIAL COMET

Naphthene-based refrigerating oils meeting the requirements defined by DIN 51503 type KC/KA, with very high thermal stability and very good low temperature viscosity. Suitable for the lubrication of coolant compressors (reciprocating or rotary) operating with ammonia or halogenated hydrocarbons. They can be used with all types of CFC (chlorofluorocarbon) refrigerants, such as R12, R22, R502.

**DIN 51503 KAA, 51503 KA, 51503 KC; ISO 6743-3 (ISO-L-DRA); B.S. 2626/75**  
Meets: Bock, Howden, York, Grasson, Carrier, Sabroe

CODE	GRADE /SAE	PACKAGING
J138001	46	208L
J138004	46	20L (PAIL)
J138501	68	208L
J138504	68	20L (PAIL)



## INDUSTRIAL COMET SYNPOE

High efficiency, high environmental awareness, fully synthetic refrigerating lubricant. It is produced by poly-oleo-ester base oils and a balanced additive package to ensure excellent lubricity, anti-wear protection and thermal/chemical stability. It is ideally suitable for all new-type hydrofluorocarbon (HFC) refrigerants (R134a, R404a, R407c, R410a/b, etc.), and for domestic or industrial application environments.

**DIN 51503 KD; ISO 6743-3 (ISO-L-DRD)**  
Meets: Bock, Howden, York, Grasson

CODE	GRADE /SAE	PACKAGING
J139004	68	20L (PAIL)



## INDUSTRIAL COMET SYNALB

Fully synthetic (alkyl benzene-based) refrigeration compressor lubricant, providing for superior miscibility with ammonia (R717), CO<sub>2</sub> (R744), propane (R290) as well as with HCFC (R22) and CFC (R12) refrigerants, and for uses in extremely low temperatures.

**DIN 51503 KC, 51503 KE; ISO 6743-3 (ISO-L-DRE)**  
Meets: Bitzer, Bock, York, Sabroe, Bauer, Sauer & Sohn

CODE	GRADE /SAE	PACKAGING
J139504	68	20L (PAIL)



## INDUSTRIAL CYBIO-STETUB

Fully synthetic (ester-based) biodegradable/non-bioaccumulative lubricant, intended for the lubrication of the stern tube system, according to the requirements of U.S. EPA (2013 VGP).

**Ecolabel-Certifiable; U.S. EPA VGP (2013)-Compliant**

CODE	GRADE /SAE	PACKAGING
JS05501	100	208L
JS06001	150	208L