

Q8 Oils

industrial oils and greases



general industry

Q8Oils offers a selective range of excellent industrial lubricants:

- *Hydraulic Fluids*
- *Gear Oils*
- *Compressor Oils*
- *Greases*
- *Airtool*
- *Circulation Oils*
- *Degreasing Fluids*



hydraulic oils



Q8Oils portfolio for hydraulic oils, offers a wide choice of qualities and viscosity classes. Each hydraulic application requires a certain type and viscosity of hydraulic oil, indicated by the manufacturer, the settings, the environment and the climate.

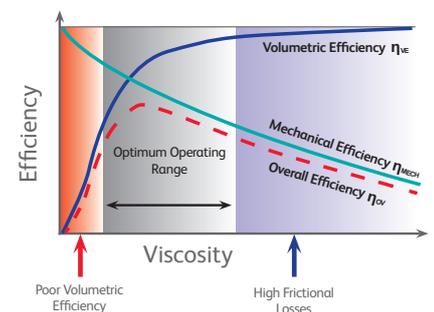
The hydraulic oil quality is determined by:

Wear Protection

- For robust hydraulic lubrication zinc additive containing hydraulic oils are still widely recommended. If static electricity build up or cylinder rod wear is vital, these are still preferred above the ashless technology.
- Ashless oils are preferred for hydraulic oils which have a frequent contact with water in combination with fine filtration or used in applications where contamination with zinc containing additives are undesirable (s.a. steel industry).
- For both technologies, products with extra wear protection are available.

Viscosity adoption:

For hydraulic installations which operate under low and high operating temperatures, hydraulic oils with a high viscosity indexes are recommended. Hydraulic oils with a stable high VI can stand higher mechanical stress and therefore have a longer endurance, without the danger of exceeding the minimum required viscosity. These type of hydraulic oils can generate energy savings, due to their ability to operate in the optimum viscosity range.



Water management:

In most industrial hydraulic systems condensated water can be removed. Hydraulic oils with detergents could be preferred in relatively small systems, where the condensated water cannot be removed. Detergent types of additive allow higher water percentages in the hydraulic oil as the dissolved water avoids contact with metal parts.

Low temperature:

Very low temperatures require hydraulic oils with special base oils in order to avoid conglomeration.

Environment

- Biodegradable hydraulic oils are available with a unsaturated or saturated ester base oils, which is related to the biodegradability and the drain period which is required.
- The food suitable grades in the Q8 Oils range are developed for indirect contact with food.

Fire Resistant:

Fire resistant hydraulic oils are available with different types of base oils. It is important to know the specific system requirement.

Hydraulic Oils Overview

	Zinc Based			Ashless				Biodegradable		Food Suitable Grades	Fire Resistant	
	No Detergent		Detergent	No Detergent			Detergent	Unsaturated	Saturated		HFC	HFDU
	Main Line	Shear Stable		Main Line	Brugger >30	Brugger >50	Low Pour Point					
VI : 100	Q8 Haydn		Q8 Heinenchen	Q8 Holst	Q8 Holst EP	Q8 Holst XEP		Q8 Hubble				
VI : 150	Q8 Heller		Q8 Hoffmeister	Q8 Hanson				Q8 Huygens			Q8 Rossini HMG	
VI : 180	Q8 Handel	Q8 Hogarth		Q8 Halley					Q8 Holbein ECO	Q8 Holbein HP SE		Hydroglix Estin S
VI : 300							Q8 Hindemith					

hydraulic oils

Q8 Haydn

10, 15, 22, 32, 46, 68, 100, 150

A universal hydraulic oil for a wide range of applications, with a viscosity index (VI) of 100. The base oil has good natural resistance to ageing (oxidation). This oil has a good filterability.

Specifications: **AFNOR 48-603, CATEGORY HM; MAG IAS P-68/P-69/P-70; DENISON HF-0/HF-1/HF-2; DIN 51524 PART 2, CATEGORY HLP; ISO 11158, CATEGORY HM; SS 155434, CATEGORY AM, EATON BROCHURE 03-401-2010; DIN 51517-2, CATEGORY CL; DIN 51502, CATEGORY HVLP.**

Q8 Heller

15, 22, 32, 46, 68, 100, VI > 150

A hydraulic oil comparable to Q8 Haydn but with a high viscosity index of 150. This makes Q8 Heller ideal for use in hydraulic systems operating under widely changing temperatures. Thanks to its high VI, the oil offers optimum viscosity at start-up and guarantees smooth operation of the hydraulic system. Applications include earth-moving machinery, excavators and open-air hydraulic systems.

Specifications: **AFNOR 48-603, CATEGORY HV; DIN 51524 PART 3, CATEGORY HVLP; ISO 11158, CATEGORY HV; ISO 6743-4, CATEGORY HR AND HV; DIN 51502, CATEGORY HVLP.**

Q8 Handel

15, 32, 46, 68, VI > 170

A hydraulic oil comparable to Q8 Heller but with a very high viscosity index of 180. This makes Q8 Handel ideal for use in hydraulic systems operating under widely changing temperatures. This oil is recommended if high demands are made on the reaction speed and operating efficiency of the hydraulic system.

Specifications: **DIN 51524 PART 3, CATEGORY HVLP; ISO 11158, CATEGORY HV SS 155434, CATEGORY AV; ISO 6743-4, CATEGORY HR AND HV; DIN 51502, CATEGORY HVLP.**

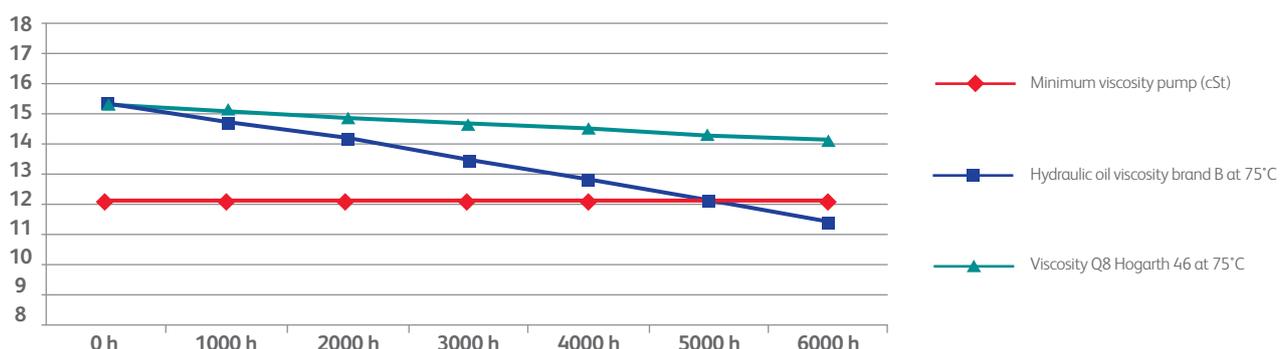
Q8 Hogarth

46, VI > 170

A hydraulic oil with a stable high viscosity index of 170. Q8 Hogarth will maintain its viscosity for a long period under heavy loads. The part synthetic nature of the base oil makes longer oil change intervals possible compared to standard hydraulic oils. Q8 Hogarth is therefore ideal for applications operating under widely changing temperatures and high mechanical loads. Due to the stable high VI, Q8 Hogarth has shown proven energy savings.

Specifications: **AFNOR 48-603, CATEGORY HV; DIN 51524 PART 3, CATEGORY HVLP; ISO 11158, CATEGORY HV; DENISON HF-0, HF-1, HF-2; ISO 6743-4, CATEGORY HR AND HV; DIN 51502, CATEGORY HVLP; EATON BROCHURE 03-401-2010.**

By using Q8 Hogarth, the minimum required viscosity of the oil pump will be reached much later than with a standard HVI hydraulic oil.



hydraulic oils

Q8 Heinichen 22, 32, 46, 68	<p>A hydraulic oil with detergents and a viscosity of 100. Q8 Heinichen has excellent cleaning properties and emulsifies with small quantities of water. It is often recommended for hydraulic systems in mobile equipment.</p>
Specifications: DIN 51524 PART 2, CATEGORY HLPD; ISO 6743/4, CATEGORY HM; MAN 698.	
Q8 Hoffmeister 46, VI > 150	<p>A hydraulic oil as Q8 Heinichen, but with a high viscosity index of 150. Q8 Hoffmeister is ideal for hydraulic systems, operating under a wide temperature range, where detergents are needed to handle the pollution. It is often recommended for hydraulic systems in mobile equipment.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVLDP; ISO 11158, CATEGORY HV; MAN 698.	
Q8 Holst 22, 32, 46, 68, 100, 220	<p>A universal zinc-free hydraulic oil for a wide range of applications and with a viscosity index (VI) of 100. It is suitable for the use in hydraulic systems of robots and fine mechanical applications, where high demands are placed on the filtering and water-separation properties of the oil.</p>
Specifications: DIN 51524, PART 2, CATEGORY HLP; ISO 11158, CATEGORY HM; ISO 6743-4, CATEGORY HM; DIN 51502, CATEGORY HLP.	
Q8 Holst EP 32, 46	<p>Q8 Holst EP is a HLP-type, mineral, zinc-free hydraulic fluid with increased EP additives. It is used in hydraulic systems equipped with fine filters or in systems where zinc based hydraulic oils are not desired. Given its extraordinary anti-wear properties, this lubricant is suitable for use in almost any hydraulic system. Its high oxidation stability guarantees long-term component service life and its excellent demulsibility and filtration properties ensure the reliable operation of sensitive hydraulic systems, such as, for example, servo control systems and robotics. Q8 Holst EP complies with the Brugger test requirements for hydraulic fluids. > 30 N/mm².</p>
Specifications: DIN 51524, PART 2, CATEGORY HLP; ISO 11158, CATEGORY HM; ISO 6743-4, CATEGORY HM; DIN 51502, CATEGORY HLP.	
Q8 Holst XEP 46	<p>Q8 Holst XEP is a mineral zinc-free HLP category hydraulic oil, with an extra EP additive for a wide range of applications with a viscosity index (VI) of 100. This type of oil is especially suitable for use in hydraulic systems with servo controls and robotics, where oils with high filterability and demulsibility are required. Q8 Holst XEP hydraulic oil has been developed to achieve a test result of >50 N/mm² in the Brugger test, among other things. Q8 Holst XEP meets Brugger Test Requirements for hydraulic oils. >50 N/mm².</p>
Specifications: DIN 51524, PART 2, CATEGORY HLP; ISO 11158, CATEGORY HM; ISO 6743-4, CATEGORY HM; DIN 51502, CATEGORY HLP.	
Q8 Holst CR 46	<p>Q8 Holst CR 15 contains additives which are compatible with Q8Oils rolling oils. The additives are specially selected to provide excellent equipment lubrication.</p>
Specifications: FZG TEST, A/8.3/90: LOAD STAGE 11.	
Q8 Hanson 32, 46, 68, VI > 156	<p>Q8 Hanson is an HVL-type, mineral, zinc-free hydraulic fluid. Q8 Hanson is therefore ideal for use in hydraulic systems, which are subject to major temperature changes during operation. This fluid is recommended for hydraulic systems, which have to meet high requirements in terms of speed of response and operational efficiency.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVL; ISO 11158, CATEGORY HV; ISO 6743-4, CATEGORY HR AND HV; DIN 51502, CATEGORY HVL.	
Q8 Halley 46, 68, VI > 170	<p>Q8 Halley is an HVL-type, mineral, zinc-free hydraulic fluid. Q8 Halley is ideal for use in hydraulic systems, which are subject to major temperature changes during operation. This fluid is recommended for hydraulic systems, which have to meet high requirements in terms of speed of response and operational efficiency.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVL; ISO 11158, CATEGORY HV; ISO 6743-4, CATEGORY HR AND HV; DIN 5150, CATEGORY HVL.	
Q8 Hubble 32, 46, 68, VI > 150	<p>Q8 Hubble is a zincfree HLPD type and has excellent cleaning properties and emulsifies with small quantities of water.</p>
Specifications: DIN 51524 PART 2, CATEGORY HLPD; ISO 6743/4, CATEGORY HM.	
Q8 Huygens 46, 68	<p>Q8 Huygens is an HVL-type, mineral, zinc-free hydraulic fluid. It is suitable for machine tool hydraulics, which can become contaminated with water and require zinc-free lubricants. It offers excellent detergent and dispersing properties, guaranteed long service life due to its very high oxidation stability, optimum resistance to wear and tear and a high viscosity index. Q8 Huygens is suitable for most hydraulic equipment.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVL; ISO 11158, CATEGORY HV.	
Q8 Hindemith 15 15, VI >375 Pour point - 51 °C	<p>Top-quality low viscosity hydraulic oil in systems where operational safety under extreme temperature changes, especially low temperatures, must be optimal. Examples are hydraulic systems which have to start at temperatures as low as -40°C. Q8 Hindemith 15 is suitable in hydraulic loading systems of trucks.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVL.	
Q8 Hindemith LT 32, VI >350 Pour point - 51 °C	<p>Top-quality hydraulic oil in systems where operational safety under extreme temperature changes, especially low temperatures, must be optimal. Examples are hydraulic systems which have to start at temperatures as low as -40°C. Q8 Hindemith LT is suitable in applications such as cold stores and the hydraulic systems of international transporters to Scandinavian countries.</p>
Specifications: DIN 51524 PART 3, CATEGORY HVL; ISO 11158, CATEGORY; SS 155434, CATEGORY AV; SWEDISH DEFENCE FSD 8401.	

hydraulic oils

Q8 Holbein ECO

46, VI > 170

Q8 Holbein ECO is a HEES type synthetic ester based biodegradable hydraulic oil, for use in environmentally sensitive areas where it is necessary to use biodegradable oils that do not endanger micro-organisms and plants and fulfills the European Ecolabel.



Specifications: **DIN 51524, PART 3 CATEGORY HVLP; ISO 11158, CATEGORY HV; ISO 15380, TYPE HEES.**

Q8 Holbein HP SE Bio

46, VI > 185

A high performance, synthetic ester based biodegradable hydraulic fluid for systems where biodegradable fluids are recommended, especially those operating at temperatures above 95 degrees celcius. The product has a wide operating range due to its very low pour point and high viscosity index. Because of its high oxidation stability, it is suitable for extended drain intervals.

Specifications: **DIN 51524, PART 3 CATEGORY HVLP; ISO 11158, CATEGORY HV; ISO 15380, TYPE HEES.**

Hydroglix

46

Hydroglix is a water - glycol based fire resistant, difficult to ignite, hydraulic fluid. Type: HFC.

Specifications: **DIN 51502, CATEGORY HFC; ISO 6763-4 CATEGORY HFC; ISO 7745, Category HFC; Exceeds the requirements of the 7th CEC Report for use in coal mines.**

Estin S

46

ESTIN / S are fully synthetic fluids formulated with organic esters and specifically selected additives. These fluids are characterized by high flash and combustion points and have specific properties to avoid a violent and explosive ignition when they come into contact with flames or hot metal surfaces.

Specifications: **ISO-L-HFDU; meet the severe tests FTM 6052 and FTM 352 from the 7th Report of Luxembourg.**



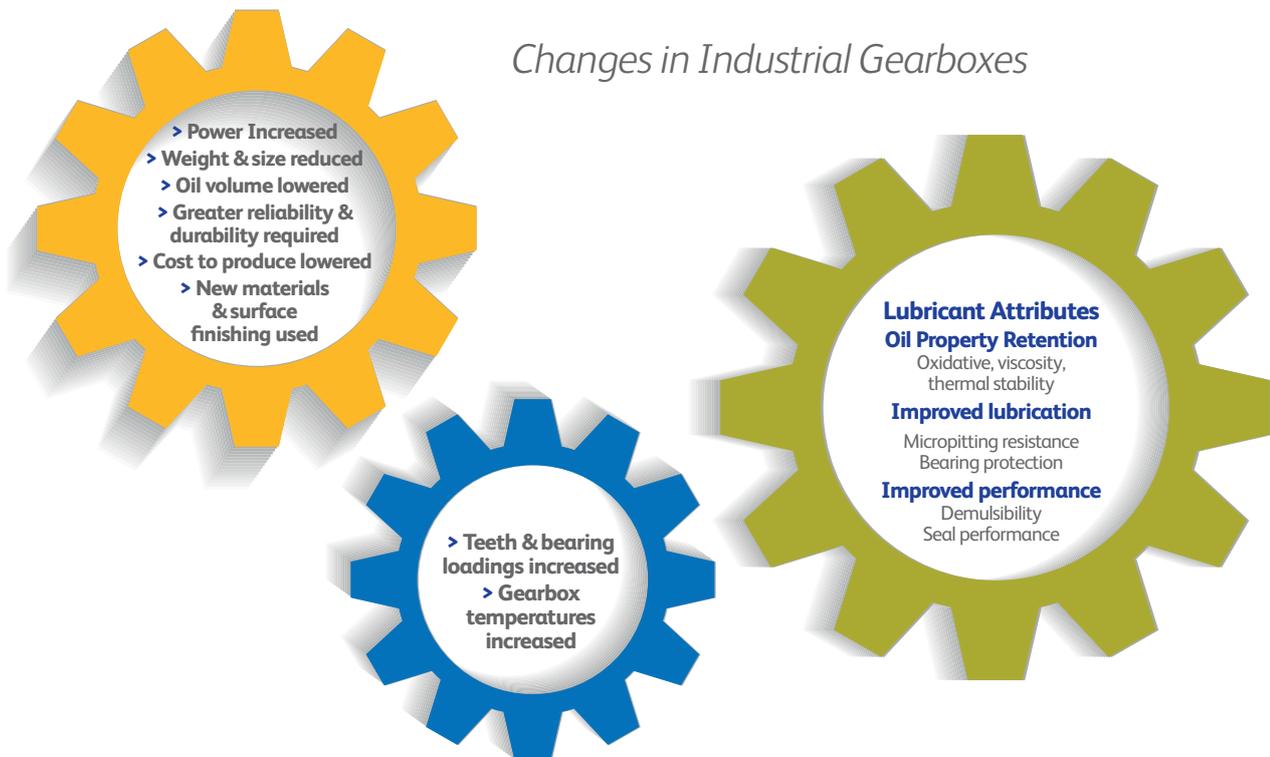
industrial gear oils

The trend for modern gearboxes is, that the output is getting higher and the size smaller, which means that the additive performance has to increase and the base oils need to be more stable .

The technical development of gearboxes and lubricants have boosted due to the use of many gearboxes in windmill applications. New types of fatigue showed up, which could eventually be prevented due to the introduction of new tests and specifications. Industrial gears have benefited from these developments.

The Q8 Oils portfolio for industrial gears is based on gear lubricants for general lubrication and special applications. Q8 industrial gear oils can be based on mineral oils or synthetic base fluids for extra endurance. The anti-wear properties exceed the increasing stringent requirements of modern gears.

Changes in Industrial Gearboxes



industrial gear oils overview

Type	Application	Base Oil	DIN 51517 Part 3	ISO 12925-1	AGMA 9005-D94
Q8 Goya	General Purpose	Mineral	Category CLP	Category CKC-CKD	9005-D94 EP
Q8 SL Gear Lubricant	Heavy Shock Loads	Mineral	Category CLP	Category CKB-CKC-CKE	9005-D94 EP
Q8 Goya NT	General Purpose, Resistant against high load	Mineral	Category CLP	Category CKC-CKD	9005-D94 EP
Q8 El Greco	Extended Drain, Resistant against high load	Mainly PAO, partly mineral	Category CLP	Category CKC-CKD	9005-D94 EP
Q8 Schumann	Extended drain	PAO	Category CLP		
Q8 Gade SF	High load	Polyglycol	Category CLP PG	Category CKE	

Q8 Goya

46, 68, 100, 150, 220, 320, 460, 680, 1000

A mineral oil for various types of geared drives e.g. straight, angled and worm, which are subjected to light, heavy or shock loads. Q8 Goya is also ideal for lubricating roller and sliding bearings and as a machinery lubricating oil.

Specifications: **ANSI/AGMA 9005-E02; DIN 51517 PART 3, CATEGORY CLP, ISO 12925-1, TYPE CKC-CKD; Danieli, Italttech; Muller Weingarten (46,68,100,125,150,220,320,460).**

Q8 Goya NT

68, 150, 220, 320, 460

A mineral oil comparable to Q8 Goya but with the latest generation additives that allow Q8 Goya NT to perform under heavy loads while guaranteeing high-levels of wear protection. It is especially effective at preventing micro-pitting.

Specifications: **AGMA 9005-E02; DIN 51517 PART 3, CATEGORY CLP; ISO 12925-1, TYPE CKC-CKD, SCHOTTEL; SEW EURODRIVE; IHC Lagersmit.**

Q8 El Greco

150, 220, 320, 460

A synthetic based gear oil (*) which prevents micro-pitting under extreme mechanical and thermal loads in geared transmissions e.g. wind turbines. Q8 El Greco can be mixed with mineral and synthetic coolants. (*) >70 % PAO.

Specifications: **AGMA 9005-E02; DIN 51517 PART 3, CATEGORY CLP; ISO 12925-1, TYPE CKC-CKD BREVINI; SEW EURODRIVE; IHC Lagersmit.**

Q8 Schumann

150, 220, 320, 1000

A synthetic gear oil, based on Poly-Alfa-Olefins, suited for high thermal loads.

Specifications: **DIN 51517, CATEGORY CLP.**

Q8 Gade SF

220, 320, 460

A synthetic oil based on a poly-glycol. The choice of base oil and additives makes Q8 Gade ideal for lubricating gears and worm gear transmissions operating under high temperatures. It is also suitable for high-temperature bearing lubrication such as experienced in the plastics industry.

Specifications: **ANSI/AGMA 9005-E02; DIN 51517 PART 3, CATEGORY CLP; ISO 12925-1, TYPE CKC-CKD DAVID BROWN,SIEMENS- FLENDER T7300.**



air compressor oils

Compressor oils are necessary in preventing wear, sealing, preventing corrosion and protecting internal metal parts. Q8 Oil lubricants cover most compressor types, e.g; centrifugal compressors, reciprocating compressors, rotary screw compressors, rotary vane compressors or dry screw compressors.

When looking for an air compressor lubricant, first look at the viscosity requirements. After the viscosity requirements are identified, look for a lubricant that provides the following benefits.

The Q8 oils compressor oils will ensure that your equipment will continue operating, without downtime and repairs.

Most types of air compressor are based on the piston, screw and vane principle. The air can be compressed in one or more stages. Every extra stage increases the thermal strength on the lubricant. The lubricant must be able to separate easily from the condensate.

Product	Q8 Scarlatti	Q8 Schubert	Q8 Schumann
ISO VG	46, 68	32, 46, 68, 100, 150	32, 46, 68, 100, 150, 220
Base Oil			
Mineral	✓	✓	
PAO			✓
Application			
Screw air compressors	✓	✓	✓
Reciprocating air compressors		✓	✓
Vacuum pumps			✓

Q8 Schubert

32, 46, 68, 100, 150

Compressor oil for reciprocating air compressors and screw compressors.

Specifications: **ISO 6743-3 categories DAA-DAB; DIN 51506 category VDL.**

Q8 Scarlatti

46

Compressor oil for screw air compressor .

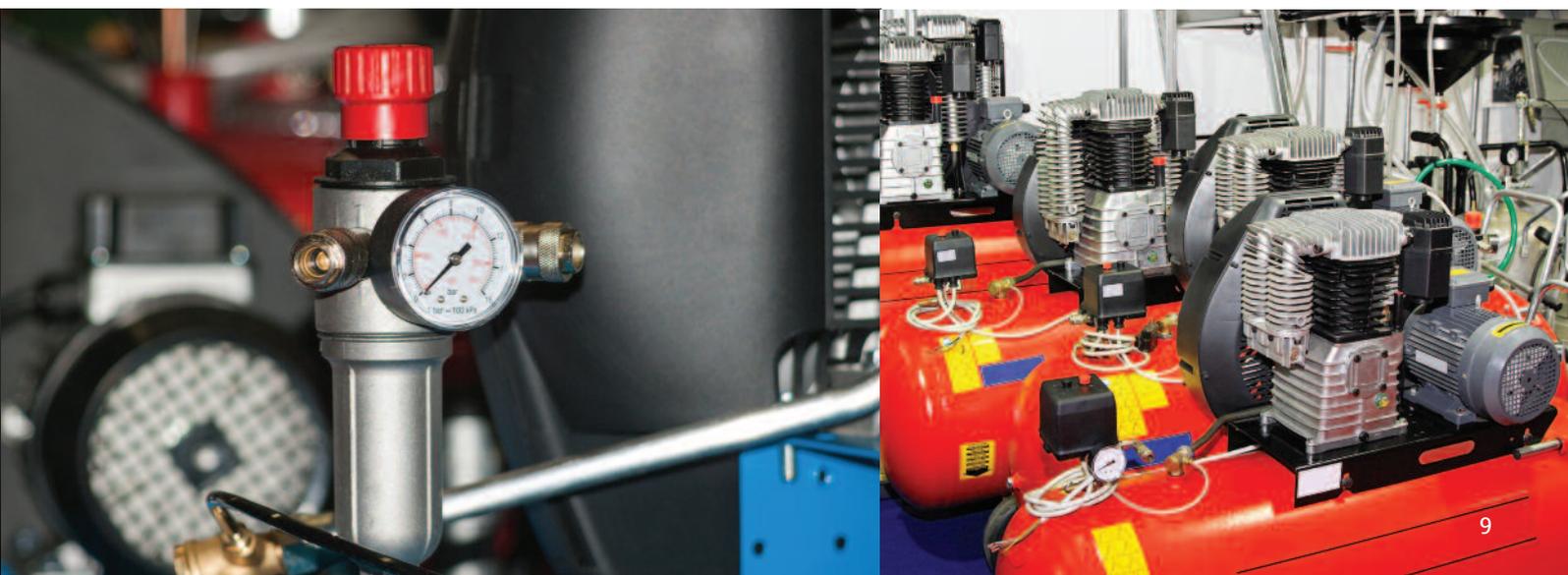
Specifications: **ISO 6743-3 DAG-DAH-DAJ.**

Q8 Schumann

32, 46, 68, 100

Compressor oil for screw air compressors and vacuum pumps

Specifications: **ISO 6743-3, categories DAA-DAB-DAG-DAH-DAJ and DVA; DIN 51506, category VDL.**



refrigerator compressor lubricants



In most industrial refrigerator systems, the cooling effect is realised by evaporating a fluid, like Ammonia, Freon or a Hydrocarbon based type. By means of a cycle in which compression and expansion takes place, the cooling is achieved.

In this cycle a refrigerator lubricant is added into the system in order to lubricate the compressor, after which the refrigerator lubricant has to be separated from the refrigerator fluid. Therefore the refrigerator lubricant should have the appropriate miscibility and solubility characteristics with the refrigerant fluid.

Product	Q8 Stravinsky	Q8 Stravinsky N	Q8 Stravinsky AB	Q8 Stravinsky POE
ISO VG	68	30, 55, 68	32, 68	32, 68
Base Oil				
Mineral		✓		
PAO				
PAO + Alkyl Benzene	✓			
Alkyl Benzene			✓	
Polyol Ester				✓
Application				
Reciprocating and Rotating refrigerator compressors Natural, eg Ammonia (R717)	✓	✓	✓	
Reciprocating and Rotating refrigerator compressors, CFR (R12) HCFC (R22), natural (R717)		✓	✓	
Reciprocating and Rotating refrigerator compressors, HFC (134a)				✓

Q8 Stravinsky N 30, 55, 68

Outstanding thermal stability provides extended oil drain periods and improved lubricity through excellent temperature viscosity characteristics. Good compatibility with the seal materials normally used in refrigerator equipment.

Specifications: **ISO 6743-3, categories DRA and DRC.**

Q8 Stravinsky

For reciprocating and rotary refrigerator compressors handling ammonia with an improved lubricity through excellent temperature viscosity characteristics. The specific characteristics of the selected base oils provide up to 10% evaporator efficiency improvement versus mineral oil.

Specifications: **ISO 6743/3, categories DRA, DRB, DRC and DRD; DIN 51503, categories KA.**

Q8 Stravinsky AB 100

Synthetic refrigeration compressor lubricant based on AlkylBenzene and is suitable for use in both reciprocating and screw compressors. Suitable for use with CFC, HCFC and traditional refrigerants (e.g. ammonia).

Specifications: **ISO 6743-3, categories DRA, DRB and DRC.**

Q8 Stravinsky POE 32, 68

A High performance synthetic refrigeration compressor lubricant based on polyol ester (POE) technology, suitable for HFC systems.



greases



A grease is a lubricating oil contained in a soap structure. The soap, lubricant and additives determine the properties of the grease.

Although the larger part of the grease applications are covered by Lithium soap based greases, there are also special types which cover the following properties: high/ low temperature, water resistant, biodegradable, compatible with food, compatible with aggressive substances, low friction, etc.



Product	NLGI Class	Soap Type	Operating Temperature Range (Peak) °C	4 Ball Weld Load N	DIN 51502	ISO 67439
Q8 Giotto Complex	0.5	LiCa-X	-30/140(180)	>7500	KPGOG0.5N-30	L-XCDIB0.5
Q8 Multi LCX 1	1	LiCa	-20/140	3100	KP1K-20	L-XBCDB1
Q8 Multi LCX 2	2	LiCa	-20/140	3100	KP2K-20	L-XBCDB2
Q8 Redon PTFE	1.5	PTFE	-35/250(270)	7500	KFK1.5U-35	L-XCGHA1.5
Q8 Rembrandt EP 00 WV	00	Li	-30/100(110)	2400	KP00G-30	L-XCBEB00
Q8 Rembrandt EP 00	00	Li	-30/120	2450	KP00K-30	L-XCCHB00
Q8 Rembrandt EP 0	0	Li	-30/120(130)	2450	KP0K-30	L-XCCFB0
Q8 Rembrandt EP 1	1	Li	-30/120(130)	2450	KP1K-30	L-XCCFB1
Q8 Rembrandt EP 2	2	Li	-30/120(130)	2450	KP2K-30	L-XCCFB2
Q8 Rembrandt EP 3	3	Li	-20/120(130)	2600	KP3K-20	L-XBCFB3
Q8 Rembrandt Moly	2	Li+MoS2	-30/120(130)	2750	KPF2K-30	L-XCCHB2
Q8 Renoir EP 142	2	LiCa	-18/145	3900	KP2H	L-XABIB2
Q8 Rodin EP 202	2	CaSul-X	-30/140(220)	7500	KP2N-30	L-XB(F)DIB2
Q8 Rodin EP 415	1.5	CaSul-X	-20/140(220)	5000	KP1.5N-20	L-XB(F)DIB1.5
Q8 Rossini EP 2	2	Al-X	-20/120(140)	6000	KP2K-20	L-XBCEB2
Q8 Rubens 00	00	Li-X	-35/100(120)	2350	KP00G-35	L-XCBIB00
Q8 Rubens EM 2	2	Li-X	-30/140	2600	KP2N-30	L-XCDHB2
Q8 Rubens EM 3	3	Li-X	-30/140(160)	2600	KP3N-30	L-XCDEB3
Q8 Rubens HT 2	2	Li-X	-20/140(220)	3400	KP2N-20	L-XBDIB2
Q8 Rubens PMS 222	2	Li-X	-40/150(220)	3400	KPHC2N-40	L-XDDIB2
Q8 Rubens PMS 462	2	Li-X	-40/150(220)	3400	KPHC2N-40	L-XDDIB2
Q8 Rubens WB /b	2	Li-X	-30/150(230)	2750	KP2N-30	L-XCDIB2
Q8 Ruysdael CL 2	2	LiCa	-20/120(130)	6650	KP2K-20	L-XBCIB2
Q8 Ruysdael SG	2.5	LiCa	-20/120(130)	3200	KP2.5K-20	L-XBCHB2.5
Q8 Ruysdael WR	2	AnhCa	-20/120(130)	2800	KP2K-20	L-XBCIB2



greases

Q8 Giotto Complex 0.5	Lubricating grease for heavily loaded open gears as in drives of ore mills, and is also recommended for ball- and roller bearings, and plain/journal bearings.
Specifications: DIN 51502 classification: KPGOG0.5N-30; ISO 6743 classification: ISO-L-XCDIB0.5.	
Q8 Grease TI	Grease TI is a grease dedicated to lubricate bearings, joints and leverages of outboard and inboard boats.
Q8 Multi LCX 1,2	Civil engineering, for use under hard conditions (presence of dust, water and high temperatures). Can be used for a wide temperature range (-20°C to +140°C); Excellent extreme pressure properties especially for bearings operating under high load conditions; High dropping point (>180C) that allows use at high bearing temperatures.
Q8 Redon PTFE 1.5	Q8 Redon PTFE is a high performance product especially suitable for applications in aggressive environments and at elevated temperatures. The grease is also suitable for the lubrication of components working in the presence of pressurised oxygen or in food processing areas.
Specifications: DIN 51502 KFK1,5U-35; ISO 6743 ISO-L-XCGHA1,5; NSF-H1.	
Q8 Rembrandt EP 00 WV 00	Q8 Rembrandt EP 00 WV is recommended for: Willy Vogel centralised lubrication systems; Tecalmit, Mercedes Benz MB 264; MAN 283; Lincoln. But also lightly loaded closed gears.
Q8 Rembrandt EP 00, 0	Multi-purpose lithium based grease with the addition of an EP additive to give excellent anti-wear properties for plain and anti-friction bearings operating under heavy or shock-loaded conditions. Q8 Rembrandt EP greases provide for long service life and offer rust protection even in the presence of water.
Specifications: DIN 51502 KP00K-30 , KP0K-30; ISO 6743 ISO-L-XCCHB00, ISO-L-XCCFB0.	
Q8 Rembrandt EP 1, 2, 3	Multi-purpose lithium based grease with the addition of an EP additive to give excellent anti-wear properties for plain and anti-friction bearings operating under heavy or shock-loaded conditions. Q8 Rembrandt EP greases provide for long service life and offer rust protection even in the presence of water.
Specifications: DIN 51502 KP1K-30 KP3K-20, KP2K-30; ISO 6743 ISO-L-XCCFB1, ISO-L-XCCFB2, ISO-L-XBCFB3.	
Q8 Rembrandt Moly 2	High quality lithium soap based grease containing micronized molybdenum disulphide to provide extra wear protection. It is particularly suited to heavily loaded applications such as a constant velocity joints. Recommended for very heavily loaded plain and anti-friction bearings, couplings etc.
Q8 Renoir EP 142 2	Q8 Renoir EP 142 is a biodegradable supreme multi-purpose EP-grease formulated specifically for applications in sensitive natural environments. Such as: farm and forestry environments, marine and fishery and aquaculture, water treatment sites, water ways, dams and locks, mining, construction and earthmoving equipment.
Specifications: DIN 51502 KP2H-18; ISO 6743 L-X-ABIB2.	
Q8 Rodin EP 202 2	Q8 Rodin EP 202 is premium quality calcium sulphonate complex thickened grease recommended for: Continuous casting machines, ladle turret bearings, work roll bearing in steel industry, wet and dry rolls in paper industry, pulp making machines, off highway applications like asphalt equipment and spherical roller bearings operating up to 150°C.
Specifications: DIN 51502 KP2N-25; ISO 6743 ISO-L-XB(F)DIB2.	
Q8 Rodin EP 415 1.5	Q8 Rodin EP 415 is suitable for heavily loaded applications and in wet and corrosive environments. It is a modern high performance product suitable for industrial, marine and off road applications.
Specifications: DIN 51502 classification: KP1.5N-20; ISO 6743 classification: ISO-L-XB(F)DIB1.5.	
Q8 Rossini EP 2 2	Q8 Rossini EP 2 is a multi-purpose EP grease for the lubrication of machine parts and equipment in locations in which there is a potential exposure of the lubricated parts to food, such as in slaughter houses, fishing industries, breweries and packaging companies.
Specifications: DIN 51502 classification: KP2K-20; ISO 6743 classification: ISO-L-XBCEB2.	
Q8 Rubens 00	A semi-fluid lithium complex grease for centralized lubrication systems, especially for automotive applications where a grease with good pumpability properties at low temperature is necessary. Recommended for plain and rolling bearings lubricated with those types of central system which require a semi-fluid grease.
Specifications: DIN 51502 classification: KP00G-35; ISO 6743 classification: ISO-L-XCBIB00.	
Q8 Rubens EM 2, 3	Is a high quality lithium complex grease engineered for the lubrication of electric motors. It gives high levels of wear protection, rust and oxidation protection and suitable for high speed bearing applications.
Specifications: DIN 51502 KP2N-30; ISO 6743 ISO-L-XCDHB2; DIN 51502 KP3N-30 ISO 6743 ISO-L-XCDEB3.	

Q8 Rubens HT2

2

A premium grade lithium complex grease manufactured with mineral and synthetic base oils, for heavily loaded plain and roller bearings operating under high temperature and severe conditions. Suitable over a wide temperature range from -30 °C to +180 °C with peak temperatures up to 220 °C for short periods. It contains anti-oxidants, rust inhibitors and extreme pressure and anti-wear additives, giving it long service life, excellent rust-protection, water resistance and extremely good thermal stability. Applicable for asphalt handling equipment, steel and aluminium industry, paper mill industry and pellet pressing.

Specifications: **DIN 51502 KP2N-20; ISO 6743 ISO-L-XBDIB2.**

Q8 Rubens PMS 222

2

Is a premium synthetic lithium complex grease engineered for the paper industry using heavily loaded plain and roller bearings operating under severe conditions at the wet and dry end. Suitable over a wide range from -40° till +200°C with peak temperatures up to 220°C for short periods. It is formulated to give high levels of wear protection, rust & oxidation protection, thermal stability and water and steam resistance.

Specifications: **DIN 51502 KPHC2N-40; ISO 6743 ISO-L-XDDIB2.**

Q8 Rubens PMS 462

2

Is a premium synthetic lithium complex grease engineered for heavily loaded plain and roller bearings operating under severe conditions. Suitable over a wide range from -40° till +200°C with peak temperatures up to 220°C for short periods. It is formulated to give high levels of wear protection, rust & oxidation protection, thermal stability and water and steam resistance. The viscosity of the base oil is about 460mm²/s.

Specifications: **DIN 51502 KPHC2N-40; ISO-L-XEDIB2.**

Q8 Rubens WB /b

2

Lithium complex multipurpose EP grease for EP-grease for common industrial and automotive applications. Recommended for heavily loaded plain & anti-friction bearings in industrial applications. Also for heavy duty wheel bearings for agricultural equipment and equipment operating at high temperatures as well as heavily loaded HGV and buses. Operating temperature from -30 °C up to +150 °C (briefly 200 °C).

Specifications: **DIN 51502 KP2N-20; ISO 6743 ISO-L-XBDIB2; DIN 51502, KP2N-30; ISO 6743, ISO-L-XCDIB2.**

Q8 Ruysdael CL

2

A special lithium calcium grease for applications where the combination of heavy loads, slow speeds and water washout exclude the use of conventional products. These conditions exist in heavy industries such as steel and paper mills, cement works etc.

Specifications: **DIN 51502 KP2K-20; ISO 6743 ISO-L-XBCIB2.**

Q8 Ruysdael SG

2.5

A special lithium calcium grease for applications in very humid and corrosive environments. Operating temperatures can vary from -20°C to +130°C. It is extremely good water resistant, has a long service life even under heavy loads.

Specifications: **DIN 51502 KP2.5K-20; ISO 6743 ISO-L-XBCHB2.5.**

Q8 Ruysdael WR

2

Extremely water resistant grease with a very long service life. Universal oil for the lubrication of highly loaded sliding, ball and roller bearings at medium temperatures and speeds. Recommended for motor vehicles, agricultural equipment, water pumps and industrial machinery. Especially suitable for outdoor use.

Specifications: **DIN 51502 KP0K-20 ISO 6743 ISO-L-XBCIB0 DIN 51502 KP2K-20 ISO 6743 ISO-L-XBCIB2.**





slideway lubricants

Slideway lubricants, as used on metalworking machining processes, have to deal with shuddering, contamination with waterbased metalworking fluids while minimizing the resistance and friction.

The products have a multifunctional anti-wear performance and adhesion improves to safeguard retention during shut-down periods.

Q8 Wagner NS

32, 68, 150, 220

Q8 Wagner NS slide way lubricants are developed for ways and other sliding surfaces of machine tools such as grinders, milling machines, saws, etc. Q8 Wagner NS is formulated with mineral base oils and contains adhesive, anti-wear and anti-corrosion additives. Q8 Wagner NS has an excellent resistance against high pressure splashing of water based cutting fluids. Q8 Wagner NS is approved for Cincinnati-Milacron CM P-47, P-50 and P-53 specifications and has a very good stick-slip ratio of 0.78.

Q8 Wagner NST

68, 220

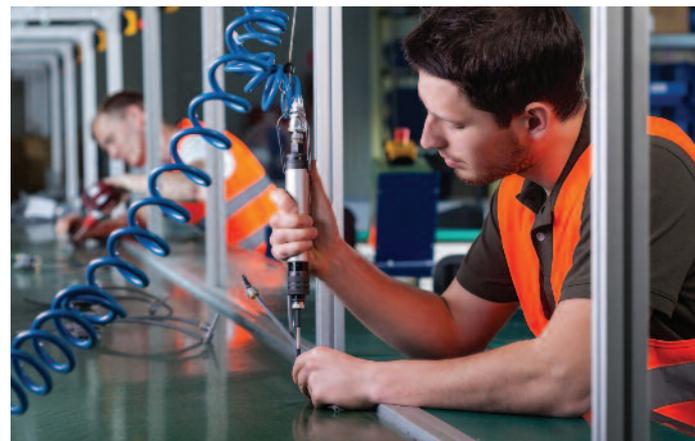
Slide way lubricants are developed for ways and other sliding surfaces of machine tools such as grinders, milling machines, saws, etc. Q8 Wagner NST is formulated with mineral base oils and contains excellent adhesive, anti-wear and anti-corrosion additives. Q8 Wagner NST is developed for customers who prefer better sticking properties. Note: Adhesive agents can cause filter blocking and in that case Q8 Wagner NS should be used. Q8 Wagner NST has an excellent resistance against high pressure splashing of water based cutting fluids. Q8 Wagner NST is approved for Cincinnati-Milacron CM P-47, P-50 and P-53 specifications and has a very good stick-slip ratio of 0.78.

airtool lubricants



Next to the task of lubrication, an air tool lubricant also has to seal, while it prevents rusting, gumming, sticking and emulsion build-up.

The anti-wear additives guarantee a long service life of the components. The water in the system is carried by the lubricant in order to be drained successfully at the water oil separator.



Q8 Chopin

32, 46, 150, 220

Pneumatic tools and rock drill equipment with outstanding protection against wear, rust and corrosion even in the presence of condensed water. Has a high resistance against washing effect of water through strong oil

Specifications: ISO 6743-11, category PAC-PBC.

complementary products

To cover the complete demand of lubricants, additional products are required.

Q8Oils has a range of complementary products:



circulation oils

Circulation oils are considered when light duty hydraulic, gear, turbine and compressor applications are involved.

Q8 Verdi

22, 32, 46, 68, 100, 150, 220,
320, 460, 550

For hydropower turbines, bearing systems, light loaded gears, hydraulic systems not requiring anti-wear performance and compressor lube oil systems for which no specific compressor oils are required.

Specifications: **DIN 51524, Part 1, category HL (Hydraulic); DIN 51515, category L-TD (Turbines); DIN 51517 Part 2, category CL (Gears); DIN 51506:2013, category VBL, VCL (Compressor) (VCL is obsolete in DIN 51506:2013).**

degreasing fluids

Degreasing fluids are used to clean workpieces or parts which are contaminated with an oil or a grease.

Q8 Degreasing Fluid B

Degreasing fluid for cleaning of machinery, vehicles and floors of workshops.

Q8 Degreasing Fluid HFB

A high flash point, emulsifiable degreasing fluid for cleaning machinery, vehicles and floors of workshops with strong penetration performance of dirty oily deposits. It may be applied undiluted and rinsed afterwards with cold water without gel formation.



about Q8Oils

Q8Oils is part of the Kuwait Petroleum Corporation (KPC), one of the world's largest oil companies. With 120 years of known reserves and crude oil production levels of 2.9 million barrels per day, it is ranked the seventh largest oil producer in the world. KPC's business spans every segment of the hydrocarbon industry: on and offshore exploration, production, refining, marketing, retailing, petrochemicals and marine transportation.

Backed by the significant corporate resources of our parent company, Q8Oils is a fully integrated lubricants organisation. Using high quality base oils we manufacture an extensive range of oils in our own blending plants and have established state of the art European laboratories for development and technical support work. Today, Q8Oils lubricants are used by customers in more than 80 countries around the world.

