



Maintenance Lubricants for Industrial Applications



QH Quantol™

GREASE	PRODUCT	THICKENER	BASE OIL VISCOSITY (cSt AT 40°C)	NLGI GRADE	DISTINCTION	POWER OF FOUR	HIGH TEMPERATURE RESISTANCE	LOAD CARRYING CAPACITY	HIGH SPEED SUITABILITY	WATER RESISTANCE
							PERFORMANCE RATING 1-5			
MINERAL OIL BASED GREASE	QH QUANTOL™ TEK 3242 series	Lithium soap	175	00 to 3	Multipurpose extreme pressure (EP) grease.		2	2	3	1
	QH QUANTOL™ TEK 3412 M	Lithium soap	175	2	Multipurpose EP grease reinforced with solid additives.		3	3	1	2
	QH QUANTOL™ LEX 4243 series	Lithium complex	220	1.5, 2	Multipurpose high temperature grease for use in the metal processing, mining, and construction industries as well as in mobile equipment.		3	2	3	2
	QH QUANTOL™ LEX 4313 series	Lithium complex	460, 320	1, 2	Multipurpose heavy duty grease		3	3	1	2
	QH QUANTOL™ LEX 7507 series	Lithium complex	1000	1, 2	Heavy-duty grease for slow and heavily loaded bearings and gears used in the steel, mining, quarrying and construction industries.		4	4	-	4
	QH QUANTOL™ LEX 7283 L XE	Lithium complex	85	2.5	Multipurpose grease for extreme temperatures applications.		5	3	5	2
	QH QUANTOL™ MAX 5315 series	Calcium sulfonate complex	220	1, 2	Multipurpose grease for machinery and mobile equipment operating in hot, wet environments.		4	3	1	4
SYNTHETIC OIL BASED GREASE	QH QUANTOL™ DYN 8172 M XE	Polyurea	100	2	High performance, long-life grease for high speed applications e.g. electric motors and fan bearings.		5	1	5	1
	QH QUANTOL™ DYN 8161 P XE	Polyurea	320	2	Synthetic long-life grease for mechanisms operating in severe conditions and over wide temperature ranges.		5	1	3	1
	QH QUANTOL™ BRX 5181 M	Barium complex	22	2	Synthetic high-performance and long-lasting grease for bearings or sliding bearings exposed to low temperatures or very high speeds.		4	1	5+	1
	QH QUANTOL™ LEX 3193 M	Lithium complex	26	2	Synthetic grease for very high speed applications (N.Dm = 1,000,000)		3	1	5+	2
	QH QUANTOL™ LEX 7227 XE series	Lithium complex	460	1.5, 2.5	Synthetic grease for extreme temperature applications with inevitable water ingress such as water-cooled bearings or equipment operating in saturated vapor such as in paper mills.		5	2	2	5
	QH QUANTOL™ LEX 7283 L XE	Lithium complex	85	2.5	Synthetic multipurpose grease for extreme temperatures and high speed applications.		5	3	5	2
	QH QUANTOL™ MAX 8518 P XE	Calcium sulfonate complex	460	1.5	Synthetic long-life grease for applications at very high temperatures and/or heavy water contamination.		5	4	1	5
PASTE	QH QUANTOL™ FLUOR series	PTFE	500	1, 2	Extreme temperature, non-flammable fluorinated grease for operations up to 300°C in e.g. steel, glass, textile, paint industries.		5+	3	2	3
	QH QUANTOL™ PASTE 9804 M HM	Lithium complex paste	1000	2	Anti-seize paste for threaded connections and hydraulic hammer grease.		5+	5	-	3
	QH QUANTOL™ PASTE 9908 CU	Inorganic	95	2	Extreme temperature copper anti-seize paste.		5+	5+	-	4
	QH QUANTOL™ PASTE 9908 MOLY	Molybdenum disulfide, carbon black	4500	-	Synthetic lubricating paste for extreme temperature and heavy duty applications.		5+	5+	-	4
	QH QUANTOL™ PASTE 9915 AL	Silica	460	-	Aluminum paste for all fasteners exposed to high temperatures and requiring a low dismantling torque, especially transport chains, cams, guides and joints subject to thermal shocks or harsh weather conditions.		5+	5+	1	3

The Power of Four

QH QUANTOL™ products are recommended based on their temperature resistance, load capacity, suitability for high speed, and water resistance – simplifying selection and adding transparency to recommendations. **Performance rating 1 to 5, where 5 is the highest performance.**



QH QUANTOL™ FLUIDS PRODUCT LINE



MAIN APPLICATION	PRODUCT	BASE OIL TYPE	VISCOSITY (cSt AT 40°C)	DESCRIPTION	POWER OF FOUR
HYDRAULIC OIL	QH QUANTOL™ DRIVE AW 3000 series	Mineral	22 to 150	Standard HLP/HM-type hydraulic fluid with zinc-based additives.	Excellent thermal resistance
	QH QUANTOL™ DRIVE AW 4000 series	Mineral	22 to 150	Ashless hydraulic fluid for cleaner operations, fewer deposits and easier waste handling.	Excellent thermal resistance, good stability in presence of water
	QH QUANTOL™ DRIVE HD 4000 series	Mineral	32 to 68	Premium ashless hydraulic fluid for cleaner operations plus detergency to protect equipment subject to water contamination.	Excellent stability in presence of water
	QH QUANTOL™ DRIVE HV 3000 series	Mineral	22 to 68	High viscosity index hydraulic fluid for operations subject to temperature change e.g. outdoor equipment.	Excellent thermal resistance and maintains properties at low temperatures.
	QUINTOLUBRIC 888 series	Polyol ester	46 & 68	Fire resistant, synthetic, readily biodegradable, water free HFDu-type hydraulic fluid with excellent shear stability.	Good thermal resistance, best in class in oxidation stability
	QH HOUGHTOSAFE™ 620 EP	Water glycol	40	Fire resistant, synthetic, water-containing HFC-type hydraulic fluid with superior corrosion protection.	Excellent stability in presence of water
SPINDLE OIL	QH QUANTOL™ SPIN 4000 series	Mineral	3 to 15	Extremely low foaming spindle oil for high speed spinning and twister spindle bearings. Excellent air and water separation.	Excellent thermal resistance, high speed applicable
SLIDEWAY OIL	QH QUANTOL™ WAY 4000 series	Mineral	32 to 220	CGLP/G-type spindle oil for improved machining accuracy.	Excellent thermal resistance, Low friction
CHAIN OIL	QH QUANTOL™ CHAIN 9000 series	Esters	50 to 250	High-temperature synthetic fluid delivering superior protection, clean operation and longer chain life	Outstanding thermal resistance
GEAR OIL	QH QUANTOL™ GEAR 4000 series	Mineral	68 to 2200	Extreme pressure, ashless CLP/CKC-type gear oil. Low foaming with good demulsibility.	Excellent thermal resistance, high load carrying capacity
	QH QUANTOL™ GEAR 4000 MP	Mineral	150 to 460	Premium CKC-type gear oil with superior extreme pressure performance for extra protection against micropitting.	Excellent thermal resistance, enhanced load carrying capacity
	QH QUANTOL™ GEAR SH 8000 series	PAO	150 to 680	Synthetic gear oil with wide operating temperature range and extended fluid lifetime.	Outstanding thermal resistance, high load carrying capacity
	QH QUANTOL™ GEAR PG 9000 series	PAG	100 to 1000	Synthetic gear oil with extreme operating temperature range and high level of lubricity. Recommended for screw-type gears.	Outstanding thermal resistance, enhanced load carrying capacity
OPEN GEAR OIL	QH QUANTOL™ GEAR OG 1170 XX	Mineral	17400	High performance lubricant for large crown-and-pinion open gears, with no solid lubricants.	Outstanding load carrying capacity
CIRCULATING OIL	QH QUANTOL™ LUBE Series	Mineral	90-680	Lubrication for plain bearings; Danieli and Morgoil type available.	Excellent thermal resistance and anti-wear protection; outstanding water demulsibility and foam control
COMPRESSOR OIL	QH QUANTOL™ AIR 4000 series	Mineral	32 to 150	VD-L/L-DAB-type compressor oil, prevents carbon deposit formation.	Excellent thermal resistance and anti-wear protection
	QH QUANTOL™ AIR 8000 series	PAO	32 to 68	Synthetic compressor oil for extended lubrication intervals.	Outstanding thermal resistance and anti-wear protection