

Global Headquarters

Quaker Houghton
One Quaker Park
901 E. Hector Street
Conshohocken, PA 19428-2380
U.S.A.
+1.610.832.4000

quakerhoughton.com | info@quakerhoughton.com

OFFSHORE PRODUCT LINE



PRODUCT	APPLICATION	TECHNOLOGY	APPROVALS	BENEFITS
HYDRAULIC FLUIDS				
HOUGHTO-SAFE® NL1	Direct-Acting Tensioners Motion Compensators	HFC - Water Glycol	<ul style="list-style-type: none"> • CEFAS - D • NEMS - RED • EPA - GoM 	<ul style="list-style-type: none"> • Best available lubricity and corrosion control performance • Extended fluid life
HOUGHTO-SAFE® WL1	Wireline Tensioners Motion Compensators	HFC - Water Glycol	<ul style="list-style-type: none"> • CEFAS - C • NEMS - RED • EPA - GoM 	<ul style="list-style-type: none"> • Advanced lubricity and corrosion control performance • Extended fluid life
STACK MAGIC® ECO-F V2	Subsea BOP	HFA - Synthetic Concentrate	<ul style="list-style-type: none"> • CEFAS - D • NEMS - YELLOW • EPA - GoM 	<ul style="list-style-type: none"> • High performance in lubricity, corrosion control and microbial control • Cefas D ranked for maximum discharge
STACK MAGIC® ECO CLDS	Surface BOP	HFC - Water Glycol	<ul style="list-style-type: none"> • CEFAS - C • NEMS - YELLOW • EPA - GoM 	<ul style="list-style-type: none"> • High lubricity to protect valves and pumps • Formula optimized for high performance across all fluid attributes
AQUALINK® HT804F VER2	Subsea Production Systems	HFC - Water Glycol	<ul style="list-style-type: none"> • CEFAS - D • NEMS - YELLOW • EPA - GoM 	<ul style="list-style-type: none"> • Approved to ISO 13628 at 150°C for HTHP wells • Fluid life 20 years or more
STACK GUARD™	Subsea/Surface BOP	HFC/RP - Dual Purpose Testing and Preservation	N/A	<ul style="list-style-type: none"> • High corrosion protection for long-term storage • Excellent lubricity for Factory Acceptance Testing
RUST PREVENTATIVES				
RUST VETO® AS	Pipe Threads	RP - Rust Preventative	N/A	<ul style="list-style-type: none"> • Highly water resistant • Excellent all-season protection at high and low temperatures
SILVER BRUSH PLATING				
Silver Non-Cyanide 3084	Electrical Contact Components	100 g/L of metal Dense deposit structure 115 HV	<ul style="list-style-type: none"> • MIL STD 865E • MIL STD 2197 A (SH) • AMS2451D/13 	<ul style="list-style-type: none"> • Excellent for applications requiring increased Conductivity or lower contact resistance • Can be applied in place with minimal disassembly
Silver 3083	Drill Bits	100 g/L of metal Dense deposit structure 122 HV	<ul style="list-style-type: none"> • MIL STD 865E • MIL STD 2197 A (SH) • AMS2451D/13 	<ul style="list-style-type: none"> • Excellent for lubricity & anti-galling applications

OFFSHORE PRODUCT LINE

PRODUCT	APPLICATION	TECHNOLOGY	APPROVALS	BENEFITS
COPPER BRUSH PLATING				
Copper Alkaline 5280	Pipe Threads	80 g/L of metal Dense deposit structure 150 HV	<ul style="list-style-type: none"> MIL STD 865E MIL STD 2197 A (SH) AMS2451D/6 	<ul style="list-style-type: none"> Best electroplating deposit for anti-galling of premium threaded connections Approved by Tenaris and VAM
NICKEL BRUSH PLATING				
AeroNikl® 250	Subsea BOP	100 g/L of metal Dense deposit structure 190 HV	<ul style="list-style-type: none"> MIL STD 865 MIL STD 2197 A (SH) AMS2451D AMS2451/1B AMS2451/3C 	<ul style="list-style-type: none"> Excellent for providing wear resistance and hardness to component surfaces Approved by TechnipFMC, NOV, and others Can be applied in place with minimal disassembly
Nickel Ductile 2086	Propeller Shaft	40 g/L of metal Dense deposit structure 280 HV	<ul style="list-style-type: none"> MIL STD 865E MIL STD 2197A (SH) AMS2451/1B 	<ul style="list-style-type: none"> Extremely versatile deposit used for wear resistance, corrosion protection, and hardness Can be applied in place with minimal disassembly
Nickel Neutral 2085	Pump ODs and Mating Surfaces	50 g/L of metal Microporous deposit structure 585 HV	<ul style="list-style-type: none"> MIL STD 865E MIL STD 2197 A (SH) AMS2451/1B 	<ul style="list-style-type: none"> Most popular deposit approved for defect repair, wear resistance, and dimensional restoration Can be applied in place with minimal to no disassembly
ANTI-CORROSION COATINGS				
Epoxy Paint System, Dry Film Lubricant Coatings, Fluoropolymer Coating	Christmas Tree	Epoxy Paint System – Epoxy resins, pigments, and hardeners	N/A	<ul style="list-style-type: none"> Protection against: corrosion resistance, lubricity, friction reduction, abrasion resistance, low co-efficient of friction, release (non-stick), chemical resistance
		Dry Film Lubricant – Molybdenum disulphide with graphite		
HVOF Coating	Propeller Shaft	Fluoropolymer Coating – PTFE	N/A	<ul style="list-style-type: none"> Protection against: wear resistance Corrosion protection, high temperatures, thickness of the coating is easily controlled
	Rockbit Skirt			
Epoxy Paint System	Subsea Manifold	Epoxy resins, pigments and hardeners	N/A	<ul style="list-style-type: none"> Corrosion resistance and abrasion resistance

OFFSHORE PRODUCT LINE

PRODUCT	APPLICATION	TECHNOLOGY	APPROVALS	BENEFITS
MARINE UNDERLAYMENTS AND DECK COATINGS				
SynDeck™ GalleyDeckQ System	Galley	100% solids lightweight epoxy leveling and coating system with quartz	<ul style="list-style-type: none"> IMO FTP Code 2010 Parts 2 and 5* 	<ul style="list-style-type: none"> Waterproofing seamless decking surface Various anti-slip textures
SynDeck™ DecoDeck System	Passageway	100% solids lightweight epoxy leveling and coating system with color chips	<ul style="list-style-type: none"> IMO FTP Code 2010 Parts 2 and 5* Mil-PRF-32584, Type V, Class 1, Grade A, Composition E 	<ul style="list-style-type: none"> Ultra lightweight with decorative color chips Deck leveling
SynDeck™ RediDeck System	Cabin	100% solids lightweight epoxy underlayment system	<ul style="list-style-type: none"> IMO FTP Code 2010 Parts 2 and 5* UK Defense Standard 07-247, Category A2 	<ul style="list-style-type: none"> Foundation for carpets, tiles, vinyl, and other coatings Leveling underlayment screed
SynDeck™ Super Light Terrazzo Anti-Slip System	Servery/Wet Spaces	100% solids lightweight epoxy underlayment system	<ul style="list-style-type: none"> IMO FTP Code 2010 Parts 2 and 5* Mil-PRF-32584, Type V, Class 1 and 2, Grade A, Composition E 	<ul style="list-style-type: none"> Ultra lightweight resin based and waterproofing Slope to drain with vertical cove base
GREASES				
QUAKERTEK® CS 4602-EP	Iron Roughneck	Calcium-Sulfonate Complex	N/A	<ul style="list-style-type: none"> Indicated for lubricating plain and rolling contact bearings Works under very high pressures and low, oscillating speeds
QUAKERTEK® THERMOPLEX 220-EP	Riser Tensioner	Lithium Complex	N/A	<ul style="list-style-type: none"> Indicated for lubricating plain and rolling bearings Operates under extreme vibratory load conditions.
INDUSTRIAL LUBRICANTS				
BIOCOMPOUND Range	Azipod	Ester Based	<ul style="list-style-type: none"> EU Ecolabel ES-NA/027/002 	<ul style="list-style-type: none"> ECO approved gear oil Meets VGP requirements Readily biodegradable according OECD 301B
BIOVESTA SERIES	Deck Hydraulics	Ester Based	<ul style="list-style-type: none"> EU Ecolabel ES-NA/027/002 	<ul style="list-style-type: none"> ECO approved hydraulic fluid Meets VGP requirements Readily biodegradable according OECD 301B

*Each individual layer is tested separately for IMO, therefore the "industry practice" is to consider the complete system meets the requirements.

Forward Together™

Quaker Houghton Global Headquarters

901 E. Hector Street
Conshohocken, PA 19428-2380
U.S.A.
+1.610.832.4000

Quaker Houghton Sales Europe BV

Industrieweg 7
1422 AH Uithoorn
The Netherlands
T:+31.0.297.544644

Quaker Chemical (China) Company Ltd

No.619 TianYing Road
Qingpu Industrial Park
Shanghai, China
T:+86.21.3920.1666

quakerhoughton.com | info@quakerhoughton.com

