



POWERMAYX LUBE INDIA

OIL & GAS INDUSTRY

High Performance Speciality Lubricants for Oil & Gas Industry Processing Equipment

Increasing Plant & Equipment Reliability, Sustainability for Value & Creating Cost Savings all along with Process. Non-bituminous, Non-toxic additive & Environment Eco-friendly lubricants

OIL & GAS INDUSTRY PROCESSING

APPLICATION / EQUIPMENT	FEATURES / BENEFITS & ADVANTAGES	POWERMAYX RECOMMENDED SOLUTION
Copper Based Drill Collar & Tool Joint Compounds	Copper based high performance antiseize compound for maintaining the creeping, protects against carbon fusion, minimizes parts replacement costs, enables faster disassembly when repairs are needed.	COPAZ-B2 (Copper Anti-Seize Compound)
Metal Free Drill Collar & Tool Joint Compounds	Prevents galling, seizure and pick up, ensures consistent joint make up and breakout.	MFC- 500
	Antifriction & anti-wear lubricant for surfaces under slow sliding speed for preventing cold welding of sliding surfaces under heavy loads.	MFC- 800
API Thread Compounds (Drill Pipe, Tool Joint & Drill Collar Compound)	Excellent frictional characteristics help tighten the connections at desired stress levels, excellent adhesion to tool joints. Optimum lubrication to prevent galling and seizing and the need for excess torque application to achieve break-out in high temperature & water resistance	TCZ - 40
		TCZ - 50
		TCZ - 60
Anti-Seize & Low Friction Assembly Pastes	Synthetic non-melting grease creates good water & heat resistance for extreme high temperature applications and are not affected by mild acids/alkalis, creates a passive film on friction surfaces	SYNTHETIC MOLY HTXX-2 460 HD
Gate & Plug Valve Sealant Cleaner	Synthetic valve grease designed for use in ball, gate and plug valves to be injected directly into the internal seat sealant system to clean important seal faces and sealant passages. Use whenever the valve is hard to turn or won't seal properly. Softens old sealants that have been affected by dry natural, removes residual build up from seal points.	SYNTH VALVE GREASE - C (Crude Valve)
		SYNTH VALVE GREASE - G (Gas Valve)
Gate & Plug Valve under high pressure	Multipurpose synthetic valve grease with very good metal surface adhesion properties even when subjected to very high pressure upto 15000 psi for all kinds of metal surfaces of gate & plug valves. Highly adhesive, chemically resistance, tenacious film ensures to protect valve components ensuring smooth operation, resistance to water wash-out minimizing cavity contamination under very high pressure conditions.	SYNTH VALVE - MP-601 (Multipurpose Synthetic Valve Grease)
Steam Injection & Geothermal Production Wellhead Gates Valves	Mainly suitable for API 6A Wellhead Gate Valves where sour crude & gas other impurities are present. Water insoluble synthetic high temperature steam valve grease formulated for extreme high temperature environments engineered for the specific operating parameters found in steam injection and geothermal operations. Excellent highly chemical resistance, H ₂ S / HCL corrosion resistance, hydrocarbon resistance water & steam resistance to changes in consistency at high temperatures. Adheres to metallic surfaces which gives you long-lasting protection for high temperature service valves.	SYNTH HTL STEAM PLUS (Steam Injector & Geothermal Wellhead Valve Hi-Temp Grease)
		SYNTH VALVE WH-1000 (Geothermal Wellhead Valve Hi-Temp Grease)
Open gear running drives in kilns, mills, dryers	Synergetic heavy duty open gear & rotary mills grease with high purity graphite & extreme pressure additives that help prevent excessive wear, squeeze out, ratio change under high shock loads and high pressure.	G-ALX HTXX-2-000 HD
Wire ropes and drag lines	Water repellent film, extend wire rope, chain & cable life, protection against corrosion caused by wet weather conditions & sea water.	WR HTXX-00 460
Mud Drilling Complex (Long horizontal, deep water & high pressure wells)	Drilling mud based synthetic fluid and is extensively used in both onshore & offshore (deep water) oil exploration. It ensures protection to both environment & health of operators. Provides excellent protection in mud drilling operating at high temperature & under extreme pressure.	SYNTHETIC MUD DRILL FLUID
Enclosed Gearbox	High temperature synthetic gear oils with good AW and EP characteristics. Protects against oxidation, foaming and high temperature deposits.	SYNTHETIC HD TECHGEAR EP (PAO) 150, 220, 320, 460
	Advanced micropitting protection synergetic gear oil formulated with ultra-high performance EP additive and high quality synergetic base oil. Protects against oxidation, foaming, high temperature deposit & heavy-duty gear boxes operating in harsh conditions.	MPR GEARMAX - 150, 220, 320, 460 (Micro-pitting resistance gear oil)
Hydraulic Oil	Offer good protection against wear, corrosion and rust formation. These oils prevent high foam building and ageing of the lubricants	HYDRO AW & HLP

PRODUCT SPECIFICATIONS

GREASE SPECIFICATIONS

Product	Thickener/ Base Oil Type	Viscosity @ 40°C cSt	NLGI	Drop Point °C	Operating Temp °C
SYNTH VALVE GREASE - C (Crude Valve)	Inorganic / Fully Synthetic	680 - 3000	1	Non-melting	-40 to 232
SYNTH VALVE GREASE - G (Gas Valve)	Inorganic / Fully Synthetic	680 - 3000	1.5 / 2	Non- melting	-40 to 232
SYNTH VALVE - MP-601 (Multipurpose Synthetic Valve Grease)	Inorganic / Fully Synthetic	680 - 3000	1.5 / 2	Non- melting	-30 to 250
SYNTH HTL STEAM PLUS (Steam Injection & Geothermal Wellhead Hi-Temp Valve Grease)	Inorganic / Fully Synthetic	680 - 3000	2.5	Non- melting	-20 to 400
SYNTH VALVE WH-1000 (Geothermal Wellhead Hi-Temp Valve Grease)	Inorganic / Fully Synthetic	680 - 3000	2.5	Non- melting	-40°C to 1000°C
COPAZ-B2 (Copper Anti-Seize compound)	Special Metal Complex / Mineral	1000 - 1200	2	None	-20 to +1200
TCZ - 40	Lithium / Synergetic	100 - 150	2	+200	-20 to 240
TCZ - 50	Lithium / Synergetic	100 - 150	2	+200	-20 to 160
TCZ - 60	Lithium / Synergetic	100 - 150	2	+200	-20 to 280
MFC - 500	Metal Complex / Synergetic	100 - 320	1 / 1.5	+250	-54 to +450
MFC - 800	Metal Complex / Synergetic	100 - 320	1	+250	-54 to +450
ALX HTXX-2 2500 HD	Aluminum-Complex / Synergetic	2500	0/00	+280	-20 to 180
WR HTXX-00 460	Bentonite clay /Mineral	460 - 1000	00	+320	-20 to 160
SYNTHETIC MOLY HTXX-2 460 HD	Inorganic / Fully Synthetic	460 - 1000	2	+320	-40 to 450

OIL SPECIFICATIONS

Product	Base Oil Type	Base Oil Viscosity @ 40°C cSt	Copper Corrosion	Pour Point °C	Flash Point °C
SYNTHETIC HD TECHGEAR EP GL-5	Fully Synthetic	150, 220, 320, 460, 680	1b pass	-45	250
MPR GEARMAX (Micro-Pitting Resistance)	Synergetic	150, 220, 320, 460, 680	1b pass	-19	240
HYDRO AW & HLP	Mineral	46 & 68	1b pass	-12	108
SYNTHETIC MUD DRILL FLUID	Fully Synthetic	2.7 - 3.5	1b pass	-35	95

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We are happy to serve you, please feel free to Contact for any Query or Information.