

 MINING

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Mining
Product Line



Mining Product Line

APPLICATION	PRODUCT	TECHNOLOGY	BENEFITS
LONGWALL FLUIDS			
Longwall Shields (Roof Supports)	QUINTOLUBRIC® 818-02	HFA full synthetic hydraulic fluid	Joy Mining Machinery, Caterpillar, and MSHA approved, biodegradable >80% (OECD 301-C), water endangering class (WGK), compatible with commonly used longwall fluids, easy underground leak detection dye, easy injection injury detection dye, bacteria and fungi resistant, excellent corrosion protection, water soluble, excellent filterability
	QUINTOLUBRIC® 814	HFA semi-synthetic hydraulic fluid	
	MINETECH™ ASSEMBLY COMPOUND	Semi-synthetic water soluble gel	Joy Mining Machinery and MSHA approved, biodegradable >80% (OECD 301-C), compatible with commonly used longwall fluids, excellent corrosion protection, water soluble
	MINETECH™ PROTECTION FLUID	Glycol-free storage fluid	Joy Mining Machinery and MSHA approved, biodegradable >80% (OECD 301-C), water endangering class (WGK), compatible with commonly used longwall fluids, easy injection injury detection dye, bacteria and fungi resistant, excellent corrosion protection, water soluble, excellent filterability
FIRE RESISTANT HYDRAULIC FLUIDS			
Hydraulic fluid systems designed for mineral oil where fire resistance is mandated or desirable – mobile equipment hydraulics, belt take-up hydraulics, hydraulic couplings	QUINTOLUBRIC® 888	HFD-U; Polyol Ester based	MSHA approved, factory mutual approved, biodegradable >80% (OECD 301-C), water endangering class (WGK), excellent lubrication (FZG>12), shear stability, excellent corrosion protection, high viscosity index, excellent filterability
	QUINTOLUBRIC® 822-450	HFD-U; Polyol Ester based	
GEAR LUBRICANTS			
Shearer ranging arms, miner cutter heads, high pressure pumps, and crushers	MINETECH™ SYNTHETIC GEAR OIL-EP	Synthetic Gear Oil	Suitable for various gear units, high viscosity index, reduces input power consumption through reduced friction, excellent low temperature flow characteristics, maximum protection against wear, rust, corrosion and foaming, compatible with system materials
Caterpillar CST Drives	MINETECH™ CST 100	Synthetic Gear Oil formulated especially for CST drives	High viscosity index, excellent low temperature flow characteristics, maximum protection against wear, rust, corrosion and foaming, compatible with system materials
Miner cutter heads, shuttle cars, loaders, scoops, cranes and other mining equipment gear boxes	MINETECH™ LST-0-EP	Synthetic semi-fluid gear lubricant and grease	Suitable for various gear units, high viscosity index, excellent low temperature flow characteristics, maximum protection against wear, rust, corrosion and foaming, compatible with system materials
DUST SUPPRESSANTS			
Roadways	DUSTGRIP™	Dust Suppressant	Fully biodegradable, renewable source, non-hazardous to land and groundwater, environmentally sustainable, mixes easily with water, reduces water consumption
Mining, conveying, crushing	DUSTGRIP™ TURBO	Dust Suppressant	Mixes easily with water, reduces water consumption
Roadways, stockpiles, embankments	DUSTGRIP™ 007	Dust Suppressant	Mixes easily with water
Railcars, roadways, stockpiles, embankments	DUSTGRIP™ RT	Dust Suppressant	Non-corrosive, mixes easily with water