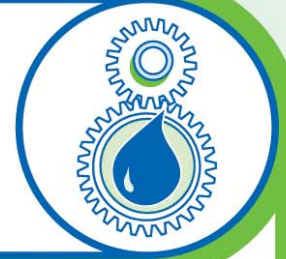


NEUTRONLUB

THE BEST HI-TECH FLUID & COMPOUNDS - USA



NEUTRON 960 S

Synthetic Universal Maintenance Oil

NEUTRON 960 S is a high-quality, heavy duty lubricant composed of synthetic base oils, large molecule petroleum base oils and additives specifically designed for EP applications found in gear, chain and machine tool applications. This combination of base oils and EP additives provides the excellent lubricity and film strength needed to prevent scoring and wear during equipment operations. By incorporating synthetic base oils, **NEUTRON 960 S** is reduce friction for good overall performance.

NEUTRON 960 S with additives designed to prevent the stick/slip or chatter phenomena that commonly occur at the beginning and end of a machine tool stroke. This happens because the lubricant and additives are squeezed out during boundary lubrication conditions. Metal to metal contact then occurs, also causing wear to the slideways. **NEUTRON 960 S** is uses EP additives that form a hard boundary layer of protection and tackifying agents that improve the adhesion properties of the oil. These additives prevent stick/slip and wear. Additionally, **NEUTRON 960 S** Synthetic universal maintenance oil are anti-rust fortified and have excellent resistance to water washout. This is important since emulsified cutting fluids are commonly used and components are generally exposed to the environment. The performance characteristics of the **NEUTRON 960 S** is make them ideal for bearing, chain and gear applications. These oils are friction-reducing, compatible with seals and paints and are resistant to water. The tackifier agents used ensure the components have constant lubrication, allowing the EP additives to prevent rust. The semi-synthetic nature of **NEUTRON 960 S** delivers excellent performance in a wide variety of environments.

Performance Features

- Tackified for excellent adhesion and water resistance.
- Rust and corrosion inhibited.
- EP additives prevent stick/slip and slideway scoring.
- Semi-synthetic adds lubricity and reduces friction.
- Recommended for slideways, chains and EP gear applications.

Application Recommendations

NEUTRON 960 S is recommended for use on machine tools where mating surfaces operate under heavy loads and slow speeds. Some applications include the plain bearing slideways of lathes, shapers, grinders and milling machines plus the slideways of saws and carriages found in lumber mills. **NEUTRON 960 S** is recommended for use on open or enclosed chain drives and in EP gear box applications where tackified EP gear oils are recommended or where they do not pose a problem.

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NEUTRON 960 S is recommended for use on machine tools where mating surfaces operate under heavy loads and slow speeds, including plain bearing slideways of lathes, shapers, grinders, milling machines and various lumber mill equipment. **NEUTRON 960 S** is also recommended for use on open or closed chain drives and in EP gear box applications where tackified EP gear lubes are acceptable.

TECHNICAL INFORMATION

ISO VG	68	100	150	220	320	460	680	1000
Gravity @15.4 °C	0.882	0.884	0.888	0.893	0.897	0.902	0.907	0.968
Pour Point °C	-32	-32	-32	-32	-32	-32	-32	-32
Flash point °C	235	242	245	248	252	255	258	268
Viscosity cSt @ 40°C	68.7	102.5	152.7	225.7	335.8	460	678.5	985.5
Viscosity cSt @100°C	8.9	12.5	15.8	20.8	28.5	32.8	42.8	78.5
Viscosity index, Min	110	115	118	125	125	135	135	140
Cooper Corrosion	1b	1b	1b	1b	1b	1b	1b	1b
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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