



Super S® Premium Mining Oil AW

Super S® Premium Mining Oil AW are premium anti-wear hydraulic oils with excellent rust and oxidation inhibitors and offer excellent water demulsibility. They are designed to be used in lightly loaded, underground mining hydraulic equipment. Formulated with high VI base stocks and a carefully balanced additive system, **Super S® Premium Mining Oil** is designed for excellent trouble free, long life service.

Super S® Premium Mining Oil AW is typically used in lightly loaded mining hydraulic systems, and especially well-suited for once-through hydraulic applications in lightly loaded underground mining equipment. It has a very low odor and toxicity for use in mine shafts where ventilation is limited.

Not for use in high pressure systems in the vicinity of flames, sparks and hot surfaces.

APPLICATIONS

Super S® Premium Mining Oil AW is recommended for applications calling for anti-wear, rust and oxidation inhibited oils

- Hydraulic systems
- Air compressors
- Industrial bearings,
- Circulating systems, splash, bath and ring lube systems for bearings and gears
- A myriad of assorted industrial applications: chains, hoists, machine tools et al
- Gear sets not requiring an EP gear oil
- Bath, Splash Circulating or Mist systems

FEATURES/ BENEFITS

- **3000 hr ASTM D-943**
- **Anti-wear protection** — Zinc anti-wear additive helps provide anti-wear protection.
- **Corrosion inhibited** — Helps minimize corrosion of both copper and steel.
- **Foam inhibited**— Contain special foam suppressant. Helps minimize foaming and aeration problems.
- **Fast moisture separation** — Helps minimize rust problems by fast release of entrained moisture
- **Excellent general purpose lubricant** - range of viscosities in environmentally friendly formula finds many general purpose applications for reduced inventory

RECOMMENDATIONS/SPECIFICATIONS

*MAG Cincinnati, Cincinnati Machine P-68, P-69, P-70
Denison HF-0, HF-1 and HF-2
Sperry Vickers M2950-S and I-286-S*





Super S[®] Premium Mining Oil AW

TYPICAL CHARACTERISTICS

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Property	Test Method ASTM -D	Result		
ISO Viscosity Grade		68	100	150
AGMA Grade		2	3	4
Pour Point, °C/°F	97	-37/-35	-24/-11	-22/-8
Flash Point °C/°F	92	228/442	232/450	260/500
Viscosity				
cSt @ 40°C	445	68	98	148
cSt @ 100°C	445	8.9	12.3	15.8
Viscosity Index	2270	100-120	100-120	100-120
Color	1500	L2.0	L2.5	L3.0
Oxidation Life Hrs to 2.0 Acid No.	943	3000	3000	3000

Typical test data are average values only.

Minor variations which do not affect product performance are to be expected during normal manufacturing.

Special handling, notices or warnings

Use the same care and handling as for any petroleum product.