Super S® Cherry Picker Oil

Super S Cherry Picker Oil surpasses the minimum dielectric strength specification of 35kV making it suitable for use in high voltage electric service vehicles.

Super S Cherry Picker Oil is a premium high dielectric strength, high VI (viscosity index) anti-wear hydraulic oil developed for dependable performance in mobile, marine and industrial equipment, aerial platforms (man lifts) and bucket trucks, and emergency and electric service vehicles. It is formulated to provide excellent shear stability and thermal stability at both low and high operating temperatures, making it an excellent choice for hydraulic systems subjected to a wide range of climate, environment, and operating conditions.

Super S Cherry Picker Oil provides excellent water separation and demulsibility and is specially formulated to suppress foaming while also allowing rapid air release, improving hydraulic system performance and helping to prevent pump cavitation. Special friction properties help to reduce chatter and provide smoother operation. It protects system components from rust and corrosion, and resists oxidation in the presence of air, water and copper minimizing sludge and varnish deposits to help extend the service life of both oil and equipment.

APPLICATIONS

Super S Cherry Picker Oil is designed for use in:

- Industrial Equipment
- Aerial platforms, man lifts, "bucket" trucks
- Mobile hydraulically operated equipment
- Paving Machines
- Marine hydraulic deck equipment
- Fire trucks and emergencyvehicle
- Fire boats
- Airport emergency vehicles
- Electrical service equipment
- High voltage electric servicevehicles

FEATURES/ BENEFITS

- **Excellent Oxidation Stability** - Super S Cherry Picker Oil resists oxidation in the presence of air, water and copper helping to extend service life of both oil and equipment.
- **Good Shear Stability** - Super S Cherry Picker Oil provides excellent shear stability of the viscosity index improver to minimize permanent viscosity loss, helping the oil to maintain viscosity at high temperatures. This, in turn, helps prevent the loss of system efficiency and provides improved protection at the maxi- mum operating temperature.
- **Excellent Anti-Wear Performance** - Formulated to be effective throughout the range of operating con- ditions, including low and severe load conditions.
- **Corrosion Resistant** - Super S Cherry Picker Oil demonstrates good chemical stability in the presence of moisture, which helps promote long oil life and reduces the risk of corrosion and rusting.
- **High Dielectric Strength** - Super S Cherry Picker Oil 22, 32, and 68 meets or exceeds a dielectric strength speci- fication of 35KV (min), making them suitable for use in high voltage electric service vehicles.
- **Outstanding Low Temperature Properties** - The viscosity index improver helps to maintain viscosity over a wide range of operatingtemperatures.
- **Anti-Chatter Performance** - Super S Cherry Picker Oil has special friction properties to reduce chatter and provide smoother operation.
- **Excellent anti-foam properties**

RECOMMENDATIONS/SPECIFICATIONS

Super S Cherry Picker Oil *is suitable for use in the following hydraulic systems:*

- *Cincinnati Lamb P-68 (ISO 32)*
- DIN 51524 Part 3 Anti-wear Hydraulic Oils TypeHVLP
- Eaton (Vickers) M-2950 S, I-286-S
- Racine
- Sunstrand
- Denison HF-0, HF-1, HF-2
- Parker
- Rexroth
- US Steel 126 127

SPECIAL HANDLING, NOTICES OR WARNINGS

Care should be maintained in storage and service to keep fluid clean and dry in order to maintain its properties and dielectric strength.

TYPICAL CHARACTERISTICS

Super S® Cherry Picker Oil				
Properties	*Test Method ASTM D-*	*22*	*32*	*68*
Appearance	Visual	Light Pale	Pale	Pale
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	445	 22 4.8	 32 6.1	 68 10.4
Viscosity Index	2270	140	140	140
Emulsion Test, 130°F Separation time, 30 minutes max	1401	Pass	Pass	Pass
Copper Corrosion	130	1a	1a	1a
Rust Test	665B	Pass	Pass	Pass
Pour Point, °C	5969	-42	-39	-37
Dielectric Strength, kV	877	35 min	35 min	35 min

Typical test data are average values only.
Minor variations which do not affect product performance are to be expected during normal manufacturing.