

## Hyken® Glacial Blu Hydraulic Fluid

Kendall® Hyken Glacial Blu Hydraulic Fluid is a high-quality, low-viscosity anti-wear hydraulic oil specially developed for use in industrial and mobile equipment operating at extremely low temperatures. It has a very high viscosity index and a low pour point for use in arctic conditions.

Hyken Glacial Blu Hydraulic Fluid is formulated to provide outstanding low-temperature properties, excellent wear protection for hydraulic pumps and motors, resistance to deposit formation, and protection against rust and corrosion. It has excellent water-separating properties to minimize the formation of emulsions, and is resistant to excessive foam buildup that can cause poor or sluggish hydraulic system response.

Hyken Glacial Blu Hydraulic Fluid may be used in land-based hydraulic systems where the equipment manufacturer specifies a MIL-H-5606 fluid. It is **not** recommended for aircraft use.

### Applications

- Industrial and mobile equipment operating in cold climates
- Bucket trucks (cherry pickers) used for servicing electrical power lines or for tree-trimming
- Surface mining equipment

### Features/Benefits

- Outstanding low-temperature properties
- Very high viscosity index for use in arctic conditions
- Good wear protection for hydraulic pumps and motors
- Resists deposit formation and viscosity increase due to oxidation
- Protects against rust and corrosion
- Excellent water-separating properties
- Good foam resistance
- High dielectric strength for use in electrical service bucket trucks (cherry pickers)<sup>(1)</sup>

<sup>(1)</sup> **Note:** In order to maintain its high dielectric strength for use as electrical insulating oil, the oil must be kept clean and dry. Contamination with water will significantly decrease the dielectric strength.

**Low-Pour, High-  
VI Anti-wear  
Hydraulic Oil for  
Cold Climates**



## Hyken® Glacial Blu Hydraulic Fluid

Typical Properties	
<b>ISO Grade</b>	<b>15</b>
Specific Gravity @ 60°F	0.868
Density, lbs/gal @ 60°F	7.23
Color, Visual	Blue
Flash Point (COC), °C (°F)	123 (253)
Pour Point, °C (°F)	-63 (-81)
Viscosity	
cP @ -40°C (Brookfield)	2,840
cSt @ 40°C	15.0
cSt @ 100°C	4.5
SUS @ 100°F	77.4
SUS @ 210°F	40.2
Viscosity Index	244
Acid Number, ASTM D974, mg KOH/g	0.50
Demulsibility, ASTM D1401, minutes to pass	15
Dielectric Strength, ASTM D877, kV <sup>(2)</sup>	35
Foam Test, ASTM D892, Seq. I, mL	0/0
Rust Test, ASTM D665 A&B	Pass
Zinc, wt %	0.050

<sup>(2)</sup>Note: At the point of manufacture

## Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via <http://www.phillips66.com/EN/products/Pages/MSDS.aspx>.

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Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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