

## Hyken™ Golden MV Hydraulic Fluid

Kendall Hyken™ Golden MV Hydraulic Fluid is a premium-quality, antiwear hydraulic fluid developed for use in industrial, mobile, and marine hydraulic systems operating in cold climates or in locations subject to a wide variation in ambient temperatures. It is available in one viscosity grade: ISO 32.

Hyken™ Golden MV Hydraulic Fluid is specially formulated with high-quality, paraffinic base oils and fortified with select additives to give a high viscosity index and a low pour point for use over a wider temperature range than conventional antiwear hydraulic fluids. It provides excellent wear protection, oxidation resistance, and rust and corrosion protection. It is inhibited to minimize deposits and viscosity increase due to oxidation at high temperatures, resulting in long service life. It also has excellent low-temperature properties for cold startups of hydraulic systems.

Hyken™ Golden MV Hydraulic Fluid protects critical system components against rust and corrosion. It is noncorrosive to bronze or brass. It has excellent water-separating characteristics to minimize the formation of emulsions and is resistant to excessive foam buildup that can cause poor system response. It also is formulated to minimize viscosity loss due to mechanical shear. These features ensure proper lubrication and operation of hydraulic system components.

Hyken™ Golden MV Hydraulic Fluid is recommended for use in high-pressure hydraulic pumps such as those manufactured by Cincinnati Machine, Denison, Dynex, Hydreco, Oilgear, Racine, Sundstrand and Vickers.

### **Applications**

- Industrial, mobile and marine hydraulic systems operating in cold weather or in locations subject to wide temperature fluctuations
- Hydraulic control systems for machine tools and presses, mobile construction equipment, and electrical service equipment (cherry pickers)
- Hydraulic elevators, hoists and lifts
- Moderately loaded industrial gear sets that do not require an extreme-pressure gear lubricant
- Air-line lubricant for air tools and other pneumatic equipment

**Wide Temperature  
Range Antiwear  
Hydraulic Oil**

**Customer Service  
Number:  
1-800-368-7128**

**Technical  
Hot line:  
1-800-368-1267**

**E-mail address:  
*kendallmotoroil@  
conocophillips.com***

Hyken<sup>™</sup> Golden MV Hydraulic Fluid meets the performance requirements of:

- Cincinnati Machine P-68 Antiwear Hydraulic Oil
- Denison HF-0, HF-1, & HF-2 Hydraulic Fluids for Axial Piston Pumps and Vane Pumps
- DIN 51524 Part 2 Antiwear Hydraulic Oil
- U.S. Steel 127 Heavy-Duty Antiwear Hydraulic Oil
- Vickers M-2950-S for Mobile Hydraulics and I-286-S for Industrial Hydraulics

### ***Outstanding Features***

- Excellent service over a wide temperature range
- Outstanding wear protection for critical system components
- Good oxidation resistance to minimize sludge and varnish formation
- Excellent rust and corrosion protection
- Noncorrosive to bronze or brass
- Excellent water-separating characteristics; minimizes the formation of emulsions
- Excellent low-temperature properties for cold startups
- Good shear stability
- Good foam resistance
- High-dielectric strength for use in electrical service equipment (cherry pickers)<sup>(1)</sup>

<sup>(1)</sup> **Note:** *The dielectric strength decreases if the oil becomes contaminated with water.*

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**Hyken™ Golden MV Hydraulic Fluid**  
**Typical Properties**

<b>ISO Grade</b>	<b>32</b>
Specific Gravity @ 15.6°C	0.865
Density, lb/gal	7.21
Gravity, °API	32.1
Color, ASTM	0.5
Flash Point (COC), °C (°F)	204 (399)
Pour Point, °C (°F)	-43 (-45)
Viscosity,	
cP @ -25°C	2,700
cSt @ 40°C	32.7
cSt @ 100°C	6.3
SUS @ 100°F	167
SUS @ 210°F	47
Viscosity Index	145
Acid Number, ASTM D974	0.5
Copper Corrosion, ASTM D130	1A
Demulsibility, ASTM D1401, minutes to pass	10
Dielectric Strength, ASTM D877, kv <sup>(a)</sup>	35
Foam Test, ASTM D892	Pass
FZG Load Test, ASTM D5182, Pass Stage	10
Oxidation Stability, TOST, ASTM D943, hours	4500
Rust Test, ASTM D665 A&B	Pass

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

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