



Super Hydraulic Oil M-68

Conoco Super Hydraulic Oil M-68 is a high quality antiwear hydraulic oil specially developed for use in mining equipment hydraulic systems operating at high pressures under severe-service conditions. It is available in one viscosity grade: ISO 68.

Super Hydraulic Oil M-68 is formulated with hydrocracked paraffinic base oils and fortified with antiwear additives, rust and oxidation inhibitors, and an antifoam agent to provide excellent oxidative and thermal stability, as well as wear protection, rust and corrosion inhibition, and foam resistance. It also has excellent demulsibility in presence of water.

Super Hydraulic Oil M-68 meets the performance requirements of the leading hydraulic pump manufacturers such as Denison Hydraulics & Vickers (Eaton).

Applications

- Mining equipment
- Mobile and stationary equipment
- Chain drives
- Hydraulic systems on dump trucks, motor graders, bulldozers and forklifts

Outstanding Features

- Excellent wear protection
- Excellent oxidative stability at high temperatures
- Excellent corrosion protection
- Excellent low-temperature performance
- Good foam resistance

**High Quality
Antiwear Hydraulic
Oil For Mining
Equipment**

**U.S. Technical
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Super Hydraulic Oil M-68
Typical Properties

ISO Grade	68
Specific Gravity @ 15.6°C (60°F)	0.866
Density, lbs/gal	7.22
Color, ASTM D1500	0.5
Flash Point (COC), °C (°F)	254 (489)
Pour Point, °C (°F)	-25 (-13)
Viscosity,	
cSt @ 40°C	69.3
cSt @ 100°C	9.0
SUS @ 100°F	359
SUS @ 210°F	57
Viscosity Index	99
Acid Number, ASTM D974, mg KOH/g	0.4
Dielectric Strength, ASTM D877, kv*	35
FZG Gear Test, ASTM D5182, Pass Stage	10
Oxidation Stability, ASTM D943, hours	> 5,000
Rust Test, ASTM D665 A&B	Pass

*At the point of manufacture.

Due to continual product research and development, the information contained herein is subject to change without notification.

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