



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

## UNITED AIR TOOL OIL

### Product Description:

United Air Tool Oil is a low zinc antiwear circulating oil meeting Denison HF-0 requirements. It is produced from highly refined lubricating base stocks and hydraulic oil additive packages. These products are designed for hydraulic systems with higher make up rates or those, which operate at moderate temperatures.

The additives found in United Air Tool Oil enhance the anti-wear characteristics of the fluid. They also inhibit foam from forming in the oil and offer a moderate level of protection against rust and corrosion in the event of water contamination.

United Air Tool Oil is suitable for applications used in equipment located in underground mines, industrial hygiene units and other hydraulic & pneumatic systems.

### Applications / Benefits:

- ▣ Prevents wear.
- ▣ Protects against rust and corrosion.
- ▣ Resists foaming.
- ▣ Economical.

### Typical Characteristics:

Test Description	Method	
ISO Viscosity Grade	-	<b>100</b>
Specific Gravity @ 15 °C	ASTM D 4052	0.888
Flash Point, °C	ASTM D 92	228
Pour Point, °C	ASTM D 97	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	98.2
cSt @ 100°C	ASTM D 445	11.2
Viscosity Index	ASTM D 2270	98
Color	ASTM D 1500	1.5

Product Data Sheet



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### Specifications, Approvals & Recommendations:

- Denison HF-0
- Denison HF-1
- Denison HF-2
- Denison T-6H20C Hybrid Pump
- DIN 51524 Part I ( HL ) & II ( HLP)
- DIN 51589 Part I at 6 min level (ISO 46)
- Vickers Vane Pump test (DIN 51589) Part II at 4.4 mg level
- Vickers M-2950-S
- Vickers 35VQ25A(H46)
- AFNOR NF E 48-603 ( HL)
- Cincinnati Machine P-68
- Cincinnati Machine P-69
- Cincinnati Machine P-70
- US steel 127 & 136
- FZG A/8.3/90 Load test (DIN 51354) at 12th Stage level

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