



**TIER ONE**  
LUBRICANTS  
PRODUCT DATA SHEET

## Tier One Lubricants™ Performance Hydraulic Fluids

### Product Description

Tier One Lubricants™ Performance Hydraulic oils are formulated to provide maximum pump life and trouble free service in industrial and mobile hydraulic systems. In a test (ASTM D-943) ISO 32, 46, and 68 grades provided more than 3000 hours oxidation stability. These oils meet or exceed following industry and OEM specifications:

- Vickers I-286-S, M-2950-S, 35VQ25
- Denison TE6-C, HF-1, HF-2, HF-0
- Cincinnati Machine (appropriate viscosity grades) P68, P69, P70
- US Steel 136, 127
- CETOP RP91H
- Lee-Norse 100-1
- Jeffrey No. 87
- Afnor E-48-603 (HM)
- DIN 51524 Part 2, Part 3 HVLP

### Applications

Tier One Lubricants™ Performance Hydraulic oils provide long service in high-output hydraulic systems using vane, piston or gear pumps.

### Typical Properties

ISO Grade	Test	32	46	68
Viscosity @ 100°C	D445	5.3	6.9	8.9
Viscosity @ 40°C	D445	31.3	47.3	69.5
Viscosity Index	D2770	100	102	101
Pour Point °C	D97	-30	-30	-25
Color	D1500	1.0	1.0	L1.5