



HYDRAULIC FLUID 46

It is a special hydraulic fluid formulated from highly refined base oils and patented zinc-free additive technology to offer maximum protection of operating equipment and the environment. The zinc-free additive formulation was developed for service applications within environmentally sensitive areas, such as: parks, bodies of water, recreational areas, amusement parks, ski resorts, underground elevators and equipment operating in populated areas. Dyed blue to differentiate it from non-ecological fluids.

APPLICATION:

Suitable for use in equipment specifying oils meeting the following specifications:

- AFNOR 48-603 (HM), 48-690 (Dry), 48-691 (wet filtration tests)
- Cincinati Milacron P-68, P-69, P-70
- Denison HF-0, HF-1, HF-2 y T6H2OC
- DIN 51524 Part 2 (HLP)
- Bomba Eaton Vickers 35VQ25A, M-2950-S y I-286-S3
- US steel 126 and 127
- ISO VG 46 meets specifications for Hitachi Genuine Hydraulic Oil Super EX 46 HN

FEATURES AND BENEFITS

- Excellent oxidation stability:
Optimal lifespan through oxidation stability performance of over 6000 hours; ASTM D943.
- Anti-wear protection:
Reduces friction and wear to extend component life.
- Environmental friendly:
Meets EPA static brightness requirements and LC50 saltwater standards.
- USDA H2 classification
Acceptable in food plants where there is no possibility of contact with food.

Product No.	6 0 0 6 0	6 0 0 8 0	6 0 1 0 0
ISO Viscosity Grade	32	46	68
Viscosity, ASTM D 445	33.7	46.2	66.5
@ 40 @ 1 °C, cSt	5.60	6.85	8.80
00 °C, cSt			
Viscosity Index	103	103	105
ASTM D 2270			
Pour Point, ASTM D 97	-20	-18	-15
°C	(-4)	(0)	(5)
(°F)			
Rust Test, ASTM D 665 Pass		Pass	Pass
Procedure A & B			
Oxidation Lifetime	>6000	>6000	>6000
ASTM D 943, hrs			
Flash Point, ASTM 216		217	244
D92	(421)	(423)	(471)
°C			
(°F)			
Gravity, °API	32.2	31.4	30.9
Specific Gravity, 60/60 °F	0.864	0.869	0.871
ASTM D 1298			
Color	B read	B read	B read

MADE IN USA
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