

AchievAL™ FRH₂ 46 & 68

AchievAL FRH₂ 46 & 68 are premium water-glycol fire resistant fluids formulated with diethylene glycol and is designed to provide optimum performance in hydraulic systems where fire resistant fluids are required.

AchievAL FRH₂ 46 & 68 are a lower water content formula that still contains an adequate amount of water to prevent ignition that could occur in hydraulic systems operating under high pressure through sudden line ruptures or fluid contact with a high temperature source. The lower content provides improved lubricity and anti-wear properties in more demanding applications. This fluid includes additives that provide lubricity, corrosion protection, and the overall performance demanded by today's high-performance hydraulic systems. **AchievAL FRH₂ 46 & 68** contains no nitrites or nitrosamines.

AchievAL FRH₂ 46 & 68 provides a high viscosity index, low pour point, and excellent heat transfer and antifoam performance. These properties, along with the addition of an anti-wear component, provide extended pump life in systems operating under high pressure or overloaded conditions. User benefits include, enhanced job site safety, reduced downtime and lower maintenance costs.

AchievAL FRH₂ 46 & 68 can be used in most types of hydraulic equipment found in steel mills, die-casting and transmission plants.

Specifications

U.S. Steel Requirement #171
Denison HF-4

Typical Properties	ISO 46	ISO 68
Viscosity @ 40° C, cSt	46.8	66.9
Specific Gravity @ 60° F	1.070	1.066
Density (lbs./gal.)	8.92	8.89
Flash Point, COC, °C (°F)	NONE	NONE
Pour Point, °C (°F)	-40 (-40)	-33 (-27)
Color	Red	Red
Appearance	Clear and Bright with	Slight Haze
pH	9.5	9.5
Reserve Alkalinity, mL 0.1 N HCl	17	17
Product Number	5164	5228

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1000 Tennessee Ave. Cincinnati, OH 45229

(800) 661- 9391



<http://www.kostusa.com>

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