**Signal Tech Hydraulic Anti-Wear XL Oils**

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| Product Application: |

Signal Tech Hydraulic Anti-Wear XL Oils are full synthetic premium quality heavy duty, high performance ashless, “zinc free” extended life fluids developed to exceed the requirements of high output hydraulic systems, steam and hydraulically driven turbine systems and for use in high pressure or high speed vane and gear – type hydraulic pumps, rotary vane-type compressors, vacuum pumps, machine tools and circulating systems.

They were developed utilizing premium quality technical grade pure synthetic base stocks and the latest environmentally conscious additive componentry to provide for a product that exceed the exacting specifications of modern close tolerance hydraulic systems utilizing high pressure high output pumps while excelling at providing superior lubrication and an excellent operating medium for the precise requirements of critical servo-valve operation and the ultra-precision of computer numerical controlled or “CNC” machines.

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| Package Size: |

Bulk, Drums, Pails

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| Meets or Exceeds the following Specifications: |

Hagglunds-Denison, HF-0, HF-1, HF-2

Eaton-Vickers 1-286-5, M-2952-5, 35VQ-25

Eaton-Char-Lynn

Haldex Hydraulic

Rexroth

Rexnord

Linde

Commercial Shearing HD 2/900

Commercial Inertech

Cincinnati Machine P-68, P-69, P70

US Steel 127, 128, 136

Racine Vane pumps – variable volume

US Fish and Wildlife Aquatic toxicity LC-50

Sauer Danfoss

Sauer Sundstrand

Parker Hannifin

DIN 51524-2 2006-09

AFNOR E-48-600HL

General Electric GEK 32568F

Siemens TLV 9016 03/02

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| Features and Advantages: |

\*Pure synthetic base stocks

\*Environmentally Responsible

\*Ability to maintain proper viscosity at high temperatures

\*Excellent oxidation and rust protection

\*Excellent anti-foaming properties

\*Applications where cross-contamination of hydraulic fluids and coolants can occur

\*Extended drain intervals

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| Typical Characteristics: |

**ISO GRADE 15 22 32 46 68 100**

Gravity, Degrees API 30.2 30.2 30.1 28.5 29 28

Viscosity Index (Min.) 151 136 135 138 138 139

Viscosity

cSt @ 100 °C 3.9 4.5 5.6 7.0 10.1 13.2

cSt @ 40 °C 15.6 20.5 32 46 67 98

Flash Point, COC, °F 431 428 450 460 495 530

Pour Point, °F -60 -60 -60 -60 -60 -40

Oxidation Astm D943 >12,000 >12,000 >12,000 >12,000 >12,000 >12,00

Copper Strip

Corrosion test

ASTM D130 1A 1A 1A 1A 1A 1A