



Mini T's AW 46 Hydraulic Fluid

PRODUCT DESCRIPTION:

Mini T's AW Hydraulic Fluid is an anti wear ISO grade 46 hydraulic oil designed for high performance, high pressure hydraulic systems in mobile and stationary equipment. This fluid provides excellent operating life attributed to the outstanding oxidation resistance of its carefully selected ultra pure base oil

Mini T's AW Hydraulic Fluid is manufactured with an ashless additive system that combines antiwear and friction modifying agents, as well as metal passivators, demulsifiers, rust inhibitors, and defoaming agents ensuring maximum hydraulic performance and provides trouble free service in high output hydraulic systems operating at high temperature and pressure.

MEETS REQUIREMENTS OF:

- Cincinnati Lamb P55
- DIN 51524-1
- DIN 51515-2
- Dennison HF-0, HF-1 HF-2
- US Steel 127, 136
- AFNOR NF E 48-603

KEY FEATURES:

- Excellent oxidative stability.
- Excellent antiwear characteristics.
- Corrosion inhibitors help prevent formation of oxides and deposits.
- Low foaming tendency.
- Formulated with ultra pure base oils to enhance thermal and oxidation stability.
- Low Toxicity.
- Meets major pump manufactures requirements.

CUSTOMER BENEFITS

- **Mini T's AW 46 Hydraulic Fluid** protects equipment to extend service life.
- Prevention of oxides and deposits protects metal surfaces and seals.
- Long service life extends drain intervals.
- Efficient pump operation, excellent water tolerance.

APPLICATIONS:

Mini T's AW 46 Hydraulic Fluid is a mid-viscosity formulation designed to provide superior performance. It is recommended for use in any stationary or mobile application requiring an ISO grade 46 hydraulic oil.

PACKAGING:

Drums 205L, pails 20L, bottles 4L, 1L

Typical Properties:

Product Number	Mini T's AW 46 Hydraulic Fluid	Test Method
ISO Grade	46	
Kinematic Viscosity @ 40 °C	43.5	ASTM D445
Kinematic Viscosity @ 100 °C	6.3	ASTM D445
Viscosity Index	108	ASTM D2270
Density @ 15 °C (kg/l)	0.8572	ATM D4052
Color	0.5	ASTM D1500
Flash Point, COC, °C	240	ASTM D92
Pour Point, °C	-21	ASTM D5950
Oxidation Life, TOST hours	>10,000	ASTM D943
Demulsibility @ 54°C Oil – Water - Emulsion	41 – 39 – 0 @15 min	ASTM D1401
Steel Corrosion	Pass	ASTM D665
Four Ball, 40 kgf, 75°C, 1 hour	0.44	ASTM D4172

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS). Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.

Mini T's Fastest Grease in the East

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