



AW Hydraulic Oil

Anti Wear Hydraulic oils are premium quality antioxidant, anti-wear, anti-rust hydraulic oils for industrial hydraulic applications blended with selected high quality base stocks and special additives to give excellent demulsibility, superior oxidation and thermal stability and excellent load carrying capacity.

Main Benefits

- Excellent oxidation & thermal stability.
- Excellent load carrying capacity.
- Outstanding anti-wear performance.
- Superior filterability and good water separation.
- Low friction and hydraulic stability.
- Excellent air release and antifoam properties

Applications

AW Hydraulic Oil can be used in all Hydraulic and fluid power transmission systems suitable for a wide range of other industrial applications.

Specification & Performance Standards

AW Hydraulic Oil meets and exceeds the performance standards of Denison HFI, HF2, HFO specifications DIN 51524 PART 2, FORD M-6C32, CINCINNATI P-68, P-69, VICKERS M 29505 (Mobile Equipment), Vickers 1-2865 (Industrial Equipments) AFNOR NFE 48-603 HM, US steel 136 – 127, ASLE 64-1 to 64-4 70-1 to 70-3.

Typical Physical Characteristics

ISO Viscosity Grades	32	46	68	100	150	220
Viscosity, cSt @ 40°C	32	46	68	102	152	222
Viscosity, cSt @ 100°C	5.35	6.65	8.65	10.9	14.7	18.90
Viscosity Index	102	101	98	95	95	95
Pour Point, °C	-27	-24	-21	-18	-18	-12
Flash Point COC, °C	210	226	236	240	250	260
Air release @ 50°C Minutes	2.9	3.8	6.2	-	-	-

Other ISO Viscosity grades are available upon request.

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at www.unitedgrease.com. © United Grease and Lubricants Co LLC, 2022