



All-Weather Anti-Wear (AW) Hydraulic Oils

Dura Flow™ All-Weather Anti-Wear (AW) Hydraulic Oils are superior anti-wear hydraulic and circulating fluids specially formulated to provide maximum performance at a wide range of temperatures. These hydraulic oils offer outstanding resistance to sludge formation, are chemically and shear stable, and exhibit excellent anti-wear properties.

Dura Flow™ All-Weather AW Hydraulic Oils also contain anti-foam agents to limit air entrainment in hydraulic systems, and demulsifiers to separate water from the oil in the sump.

Dura Flow™ All-Weather AW Hydraulic Oils are zinc-based hydraulic fluids which are recommended for service in vane, piston, and gear pumps when used according to the manufacturers' recommendations. These oils provide maximum service life to these pumps as well as other system components.

Dura Flow™ All-Weather AW Hydraulic Oils meet the following specifications:

- Denison HF-0, 1, and 2
- Vickers M-2950-S, I-286-S
- Cincinnati Milacron P-68, 69, 70
- US Steel 126, 127, and 136
- DIN 51524, Parts 2 and 3

Typical Properties:

Product	Dura Flow™ All-Weather AW Hydraulic Oils	
Product Code		
ISO Viscosity Grade	32	46
Kinematic Viscosity @ 100°C, cSt (ASTM D-45)	6.6	8.32
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	31.85	49.57
Viscosity Index (ASTM D-2270)	169	142
Pour Point, C° (F°) (ASTM D-6749)	-49,(-56)	-41,(-42)
Emulsion Separation, min (ASTM D-1401)	10	10
Turbine Oxidation Test, hours (ASTM D-3241)	3000	3000
RPVOT, min (ASTM D-2272)	193	134
API Gravity (ASTM D-1298)	32.3	31
Zinc, ppm	282	282