

PRODUCT DATA SHEET

CROWN HYDRAULIC OIL AW

Hydraulic Oil AW are blended from high quality, chemically-stable solvent refined base oils and incorporated with balanced additive system which include anti wear and oxidation inhibitors. Utilization of Hydraulic Oils AW will provide excellent wear protection in hydraulic with circulation systems and good air release properties.

BENEFITS

- Excellent anti-wear performance.
- Provide rust and corrosion protection.
- Superior filterability.
- Low friction.
- Excellent water separation, air release and antifoam properties.
- Hydrolytic stability.
- Seal and paint compatibility.

PERFORMANCE LEVEL

Meets and Exceeds:

- Cincinnati Milacron P-68,P-69,P-70
- Dension HFO, HFI, HF2 (VG46 6- VG 68)

All grades except HD 10W

- AFNOR NFE 48603 HM
- EATON 35VQ25A
- DIN 51524 Part II

APPLICATION

Hydraulic Oil AW is recommended for all mobile and stationary hydraulic system operating under severe conditions. It also can be used in circulation, splash, ring oil lubricant systems and in compressors where recommended.

PRODUCT CHARACTERISTIC

PROPERTIES	UNITS	VALUE				TEST METHOD
ISO GRADE	-	32	46	68	100	-
Specific Gravity @ 15 °C	-	0.878	0.879	0.884	0.888	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	32.0	46.0	68.0	100.2	ASTM D-445
Viscosity @ 100 °C	mm ² /s	5.4	6.77	8.6	11.2	ASTM D-445
Viscosity Index	-	102	100	97	97	ASTM D-2270
Flash Point, COC	°C	210	242	248	255	ASTM D-92
Pour Point	°C	-12	-9	-9	-12	ASTM D-97
Color	-	1.0	1.5	2.0	2.5	ASTM D-1500
Rust Test		Pass	Pass	Pass	Pass	ASTM D-665
CRC % mass of 20% dist.		0.3	0.3	0.3	0.3	DIN 51356
Product Code	-	5660	567044	5680	569044	-