

# 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

All grades except HD 10W

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

### 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	-	10W	32	37*	46	68	100	-
Specific Gravity @ 15 °C	-	0.87	0.87	0.88	0.87	0.88	0.89	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	31.9	31.4	36.9	45.8	68.1	99.1	ASTM D-445
Viscosity @ 100 °C	mm <sup>2</sup> /s	5.4	5.4	5.9	6.8	8.8	11.1	ASTM D-445
Viscosity Index	-	104	103	103	102	101	97	ASTM D-2270
Flash Point, COC	°C	218	218	224	230	254	260	ASTM D-92
Pour Point	°C	-12	-12	-9	-9	-9	-6	ASTM D-97
Color	-	L 1.0	L 1.0	L 1.0	1.5	1.5	L 2.0	ASTM D-1500
Neutralization NO.	mg KOH/g	0.72	0.38	0.38	0.38	0.38	0.38	
Product Code		5010	5020	5030	5040	5070	5100	-