



# PRODUCT DATA SHEET

## Oilzum Hydraulic AW Series

The **Oilzum Hydraulic AW Series** are highly refined, premium quality anti-wear hydraulic oils recommended for use in a wide range of applications, including hydraulic systems, mining equipment, and lightly loaded gear sets, as well as for general lubrication.

These high performance products are designed for use in piston, gear pumps, and vane pumps used in industrial and mobile hydraulic systems. **Oilzum Hydraulic AW** products provide exceptional wear protection for pumps, motors, and other hydraulic system components. They have good oxidation resistance, rust and corrosion protection and resistance to foaming.

**Oilzum Hydraulic AW Series** oils meet or exceed the following specifications Denison HF-2, Vickers I-286-S, Cincinnati Milacron P-68, P-69, P-70.

	AW-32	AW-46	AW-68	AW-100	AW-150	AW-220
Gravity, API (D287)	31.6	30.3	28.2	30.2	27.5	27.2
Viscosity, cSt/40°C (D445)	33.8	45.3	68.2	103.7	152.1	225.4
Viscosity, cSt/100°C (D445)	5.3	6.8	8.8	11.3	14.5	18.2
Viscosity Index (D2270)	99	99	99	97	94	94
Demulsibility, 54.5°C, Min	20	20	20	20	20	20
Oxidation Stability, TOST (D943)	4,000	4,000	4,000	-	-	-
Color,( D1500)	1.0	1.5	1.5	3.0	3.5	4.0
FZG Pass, Load Test	10	10	10	10	10	10
Zinc, % wt	0.027	0.027	0.027	0.027	0.027	0.027
Cu Corrosion, 3 Hrs @100°C	1A	1A	1A	1A	1A	1A
Rust (D665)	Pass	Pass	Pass	Pass	Pass	Pass
Flash Point, COC °F (D92)	406	409	409	414	448	468
Pour Point °C (D97)	-30	-30	-26	-15	-9	-9

Revised 3-27-18