



## Mobil™ Hydraulic AW Series

Mobil Industrial , United States

Hydraulic Oils

### Product Description

Mobil™ Hydraulic AW Series oils are good quality anti-wear hydraulic oils intended for industrial and mobile service applications, subjected to moderate operating conditions and requiring anti-wear lubricants.

They are formulated to deliver good performance in a range of hydraulic components used in systems subjected to moderate operating conditions.

### Features and Benefits

- Good anti-wear performance helps reduce pump wear and prolonging pump life
- Corrosion protection helps reduce the effects of moisture on system components
- Filterability to prevent filter blockage even in the presence of water

### Applications

- Systems using gear, vane, radial and axial piston pumps and those containing gears and bearings where mild anti-wear characteristics are required
- Where hydraulic oil contamination or leakage is unavoidable
- Where small amounts of water are unavoidable

### Properties and Specifications

Property	MOBIL HYDRAULIC AW 32	MOBIL HYDRAULIC AW 46	MOBIL HYDRAULIC AW 68	MOBIL HYDRAULIC AW 100
Grade	ISO 32	ISO 46	ISO 68	ISO 100
Density @ 15 C, kg/l, ASTM D4052	0.87	0.877	0.880	0.885
FZG Scuffing, Fail Stage, DIN 51354	10	10	10	10
Flash Point, Cleveland Open Cup, °C, ASTM D92	224	228	238	252
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	5.2	6.9	8.8	11.2
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	30.2	46.1	67.9	99.7
Pour Point, °C, ASTM D97	-18	-15	-12	-9
Viscosity Index, ASTM D2270	103	104	101	98

### Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims>

[/psims.aspx](#)

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