



## Mobil™ Hydraulic AW Series

Mobil Industrial , Colombia

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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01-2021

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