



Hydraulic Oil AW

Anti-wear Hydraulic Fluid

Product Data Sheet

Customer benefits

- **Provides wear protection**
Effective anti-wear package reduces wear by protecting surfaces when load causes breakdown of the lubricant film
- **Resists degradation**
Effective rust and oxidation inhibitor system helps to prevent generation of abrasive particles from rust formation, deposits, varnishes and sludge from oil breakdown
- **Good performance**
Good hydrolytic stability and water separation characteristics provide good filterability in the presence of water contamination. Good anti-foam and air release properties help to ensure smooth operation and system efficiency
- **An economical option**
Hydraulic Oil AW is suitable for systems that have high usage rate due to leaks, seals failure or hose breakage where extended oil drain intervals is not possible. If the hydraulic application requires extended drain interval, elevated temperature or equipment manufacturer performance/approvals, Rando HD or Rando HDZ should be considered.

Applications

- Industrial hydraulic systems
- Hydraulics of mobile and construction equipment where a water separating oil is required
- Hydraulic systems with vane, gear or piston pumps
- Plastic injection molding machines
- Machine tools
- Hydraulic equipment reduction gears where EP is not required
- Industrial circulating systems

Product features:

Hydraulic Oil AW is an anti-wear hydraulic fluid, specifically designed for use in mobile and stationary high pressure hydraulic systems.

A Chevron company product

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Typical key properties

HYDRAULIC OIL AW KEY PROPERTIES	RESULTS	
ISO Grade	46	68
Product Code	520311	520312
Flash point, °C	223	227
Pour point, °C	-21	-15
Rust Preventing Characteristics	Pass	Pass
Kinematic viscosity (typical)		
at 40°C	44.0	65.0
at 100°C	6.3	8.1
Viscosity Index (min)	90	90

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit www.caltexoils.com.

For more information, go to www.chevronlubricants.com