

# AMALIE®

Better than it has to be®  
Since 1903



# ASHLESS GREEN AW SYNTHETIC

## ISO 46

## HYDRAULIC OIL

### BENEFITS:

- » Compatible with Zinc-Containing and Ashless Mineral Oil-Based Hydraulic Fluids
- » Excellent Sludge and Varnish Protection
- » Improved Filterability
- » Superior Oxidation and Hydrolytic Stability



MADE IN U.S.A.



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# ASHLESS GREEN AW SYNTHETIC HYDRAULIC OIL

**AMALIE Ashless Green AW Synthetic Hydraulic Oil 46** is formulated to provide high performance in environmentally sensitive applications such as forestry or logging. It contains an ash-less zinc free additive system designed to provide excellent yellow metal protection, rust and corrosion inhibition, and superior anti-wear capabilities.

**AMALIE Ashless Green AW Synthetic Hydraulic Oil 46** is inherently biodegradable per OECD 301B and is considered non-toxic to aquatic life per OECD 203. It may be used in high-pressure hydraulic pumps and gears used in either mobile or stationary equipment.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Viscosity Grade.....	46
API Gravity.....	36.5
Kinematic Viscosity @100°C, cSt.....	7.7
Kinematic Viscosity @40°C, cSt.....	46.0
Viscosity Index.....	135
Water Separation, ASTM D1401, minutes.....	<10
Flash Point, °C.....	230
Pour Point, °C.....	-30
Rust Prevention, ASTM D665 A/B.....	Pass
Oxidation Stability, ASTM D943, hrs.....	>8000

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

### Additional Information

Please use proper handling and care that you would use with any lubricating oil.

Please consult AMALIE Technical Services or your local representative for a full listing of applications.

Technical Services: • (800) 368-1264 • [techservices@amalie.com](mailto:techservices@amalie.com)

### ASHLESS GREEN AW SYNTHETIC HYDRAULIC OIL

VISCOSITY	PACK SIZE	PART #
ISO 46	5 Gallon Pail	160-68934-25
	55 Gallon Drum	160-68933-05

The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.

### Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at [AMALIE.com](http://AMALIE.com).

## APPLICATIONS

AMALIE Ashless Green Premium AW Synthetic Hydraulic Oil 46 meets or exceeds the requirements of the following industry and OEM specifications:

- Denison HF-0
- Denison HF-1
- Denison HF-2
- Eaton M-2950-S
- 35VQ25
- MAG P68
- MAG P69
- MAG P70
- DIN 51524 part II
- ISO 11158
- ASTM D6158
- SAE MS 1004
- Bosch Rexroth RE 90220
- Vickers