



# CITGO<sup>®</sup> A/W Hydraulic Oil Super MV

## OVERVIEW



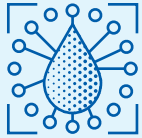
- A multi-grade, high-efficiency hydraulic oil formulated to provide excellent oxidation stability, rust protection, foam resistance, and performance over a wide temperature range.

## FEATURES & BENEFITS



- Improved overall hydraulic efficiency.
- A special seal conditioner assists in minimizing minor leaks and providing longer seal life.
- Pour point and Brookfield viscosity demonstrate excellent low-temperature performance.
- Excellent water separation.
- Highly shear-stable formula.

## APPLICATIONS



- Designed to exceed the performance requirements of:
  - ASTM D6158 HV
  - Parker Denison HF-O
  - Eaton Brochure 03-401-2010
  - ISO 11158 HV
  - DIN 51524-3

## PROPERTIES



## Typical Properties for CITGO A/W Hydraulic Oil Super MV:

Material Code	633935001
Gravity, ASTM D4052, °API	31.7
Flash Point, ASTM D92, °F (°C)	385 (196)
Viscosity, ASTM D445:	
cSt at 40°C	35.6
cSt at 100°C	7.9
Viscosity, ASTM D2983:	
cP at -40°F	19,800
cP at -23°F	—
Viscosity Index, ASTM D2270	202
Pour Point, ASTM D97, °F (°C)	-54 (-48)
Color, ASTM D1500	L0.5
Copper Corrosion, ASTM D130	1A
Four Ball Wear, ASTM D4172, mm Scar at 40 kg	0.4
Water Separation, ASTM D1401 @ 130°F (54°C)	Pass
Foam Tendency, ASTM D892	Pass
Rust Protection, Part A & B, ASTM D665	Pass

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