CITGO A/W HYDRAULIC OILS SUPER SERIES

Date 08/11

DESCRIPTION: CITGO A/W Hydraulic Oils Super Series are a family of multi-grade hydraulic oils formulated with high quality mineral base stocks, offering excellent oxidation stability, rust protection, foam resistance and low pour point.

QUALITIES:

- A special seal conditioner assists in minimizing minor leaks and providing longer seal life.
- Pour point and Brookfield viscosity demonstrate excellent low temperature performance.
- These oils exhibit excellent water separation.

APPLICATIONS: CITGO A/W Hydraulic Oils Super Series are designed to exceed the performance requirements of Eaton M-2950-S and I-286-S and Denison HF-0 and HF-2. They are especially recommended for hydraulic systems operating in wide temperature ranges and can remain in service without seasonal-based oil changes.

TYPICAL PROPERTIES:

CITGO A/W HYDRAULIC OILS SUPER SERIES

Grade	**SUPER MV**	**SUPER 100**
Material Code	633935001	633394001
Gravity, ASTM D 4052, °API	31.7	29.8
Flash Point, ASTM D 92, °F (°C)	385 (196)	395 (198)
Viscosity, ASTM D 445, cSt, at 40°C	35.6	102.3
cSt, at 100°C	7.9	14.1
ASTM D 2983, cP at -40°F	19,800	—
cP at -23	—	16,550
Viscosity Index, ASTM D 2270	202	140
Pour Point, ASTM D 97, °F (°C)	-54 (-48)	-39 F
Color, ASTM D 1500	L0.5	L0.5
Copper Corrosion, ASTM D 130	1A	1A
Four Ball Wear, ASTM D 4172, mm Scar at 40 kg	0.4	0.32
Water Separation, ASTM D 1401 @ 130°F (54°C)	Pass	Pass
Foam Tendency, ASTM D 892	Pass	Pass
Rust Protection, Part A & B, ASTM D 665	Pass	Pass