C I T G O H Y D R A U L I C / P R E S S O I L 6 8

Date 04/18

DESCRIPTION: CITGO Hydraulic/Press Oil 68 is formulated with highly refined, premium base oils and an ashless antiwear additive system to provide outstanding protection for demanding printing press hydraulic systems. CITGO Hydraulic/Press Oil 68 does not rely on zinc-type antiwear additives which is an important consideration in various press applications.

BENEFITS: CITGO Hydraulic/Press Oil 68:

- Contains no heavy metals such as zinc
- Offers thermal stability to virtually eliminate heat-related sludge deposits
- Provides rust and corrosion protection
- Separates readily from water
- Contains inhibitors to minimize foaming and air entrainment
- Provides antiwear protection to pumps, motors and other hydraulic circuit components
- Extends fluid service life with a balanced additive system to handle severe operating conditions
- Contains an anti-leak agent to aid in maintaining the condition and life of elastomer materials
- Offers great compatibility with CITGO Press Oil 68

APPLICATIONS: CITGO Hydraulic/Press Oil 68 is recommended for printing press service in vane, piston and gear pumps when used in accordance with the manufacturers' recommendations. CITGO Hydraulic/Press Oil 68 is within the viscosity range covered in Goss SBM 5078 for gear and bearing lubricants. Use of Hydraulic/Press Oil 68 assures unintended mixing will not result in viscosity degradation of the lubricant covered by Goss SMB 5078.

TYPICAL PROPERTIES:

CITGO HYDRAULIC/PRESS OIL 68

Grade	**68**
Material Code	661290001
Gravity, ASTM D4052, °API	29.3
Density, lb/gal	7.33
Flash Point, (COC), ASTM D92, °F (°C)	468 (242)
Viscosity, ASTM D445, cSt at 40°C	67.6
cSt at 100°C	8.5
ASTM D2161, SUS at 100°F	351
SUS at 210°F	55
Viscosity Index, ASTM D2270	95
Pour Point, ASTM D97, °F (°C)	-11 (-24)
Color, ASTM D1500	L1.5
Total Acid No., ASTM D664, mg KOH/g	0.10
Copper Corrosion, 3 hr at 100°C, ASTM D130	1A
Rust Test, ASTM D665 A, B	Pass
Four Ball Wear, ASTM D2266, at 40 kg, mm	0.50
Foam Test, Seq. I, ml	0-0
Seq. II, ml	20-0
Seq. III, ml	0-0
Water Separability, at 130°F, ASTM D1401 (mL-mL-mL)	40-40-0

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