CITGO HYDRAULIC/PRESS OIL 68

Date 1/09

DESCRIPTION: CITGO Hydraulic/Press Oil 68 is formulated with premium paraffinic base oils and ashless antiwear additives to provide outstanding protection for demanding 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:

- 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 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 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. This assures that 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 D 4052, °API	29.3
Density, lb/gal	7.33
Flash Point, (COC), ASTM D 92, °F (°C)	468 (242)
Viscosity, ASTM D 445, cSt at 40°C	67.6
cSt at 100°C	8.5
ASTM D 2161, SUS at 100°F	351
SUS at 210°F	55
Viscosity Index, ASTM D 2270	95
Pour Point, ASTM D 97, °F (°C)	-11 (-24)
Color, ASTM D 1500	L1.5
Total Acid No., ASTM D 664, mg KOH/g	0.10
Copper Corrosion, 3 hr at 100°C, ASTM D 130	1A
Rust Test, ASTM D 665 A, B	Pass
Four Ball Wear, ASTM D 2266, 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 D 1401 (mls)	40-40-0