

CITGO A/W HYDRAULIC OILS

DESCRIPTION:

CITGO A/W Hydraulic Oils are superior anti-wear hydraulic and circulating fluids specially formulated with thermally stable additives. These oils offer outstanding resistance to sludge formation, chemical stability, and anti-wear protection.

QUALITIES:

CITGO A/W Hydraulic Oils are designed for service in high-pressure, high-output industrial hydraulic circuits. CITGO A/W Hydraulic Oils:

- Utilize thermally stable zinc-based additives, helping to protect against heat-related sludge formation in sensitive electro-hydraulic servo valves. These oils are recommended for use in CNC machine tools and other high-output equipment where sustained heat is prevalent.
- Inhibited against rust in both fresh and sea water and pass both Procedures A and B of the ASTM D665 Rust Test.
- Approved against stringent performance requirements including Eaton Brochure 03-401-2010 (formerly Vickers 2950-S, I-286-S), Fives Cincinnati P-68, P-69, and P-70, and Parker Denison HF-O Revision J.
- Resist foaming and will not foster abnormal air entrainment in properly designed hydraulic circuits.
- Readily separate water, allowing water contamination to be drained from the sump.

APPLICATIONS:

CITGO A/W Hydraulic Oils are recommended for service in vane, piston, and gear pumps when used in accordance with equipment manufacturers' recommendations. Designed to provide excellent service life to these pumps as well as to other circuit components such as motors and servos.

CITGO A/W Hydraulic Oils are also recommended for use as a gear and bearing lubricant in industrial applications where rust and oxidation inhibited oils are required.

TYPICAL PROPERTIES:

CITGO A/W HYDRAULIC OILS

32	46	68	
633491001	633492001	633493001	
32.6 7.18 417 (214)	31.2 7.24 446 (230)	30.8 7.26 468 (242)	
32.3 5.59 111	46.6 6.96 106	68 9.0 107	
-27 (-33) L0.5 40-40-0	-22 (-30) L0.5 40-40-0	-17 (-27) L0.5 40-40-0	
>3000 Pass	>3000 Pass	~3000 	
Yes Yes P-68 HM32 32	Yes Yes P-70 HM46 46		
	633491001 32.6 7.18 417 (214) 32.3 5.59 111 -27 (-33) L0.5 40-40-0 >3000 Pass Yes Yes P-68 HM32	633491001 633492001 32.6 31.2 7.18 7.24 417 (214) 446 (230) 32.3 46.6 5.59 6.96 111 106 -27 (-33) -22 (-30) L0.5 L0.5 40-40-0 40-40-0 >3000 >3000 Pass Pass Yes Yes Yes Yes P-68 P-70 HM32 HM46	

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