



SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS

OVERVIEW

SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS are full synthetic, premium quality, ashless, anti-wear hydraulic oils recommended for use in a wide range of applications. Designed for use in piston, gear pumps, and vane pumps used in industrial and mobile hydraulic systems, SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS are zinc-free and provide exceptional wear protection for pumps, motors, and other hydraulic system components. All grades have exceptional oxidation resistance, rust and corrosion protection and foam resistance to provide long service with minimal upkeep.

FEATURES & BENEFITS

SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS have outstanding performance in preventing rust, oxidation, foaming, air entrainment and many other factors that occur in hydraulic systems. Their synthetic base stocks ensure exceptional long-life and they are ideal for applications where the use of environmentally friendly lubricants is required or conscionable.

SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS utilize non-toxic additive systems that are inherently biodegradable and meet the requirements of pump manufacturers and machine tool builders, while allowing for better detergency properties that prevent varnish buildup in sophisticated systems. Additionally, their high viscosity index allows for better stay-in-grade performance over wider temperature ranges, in some cases eliminating the need for seasonal viscosity grade change outs.

TYPICAL PROPERTIES

Product Code	Synthvis 632	Synthvis 646	Synthvis 686	Synthvis 6100
Product				
Viscosity, cSt @ 40 °C	32	46	68	100
Viscosity, cSt @ 100 °C	5.9	7.6	9.8	12.9
Viscosity Index	129	132	127	126
Flash Point, °F	470	475	485	495
Pour Point, °C	-50	-45	-40	-40
Zinc, wt%	.045	.045	.045	.045
Oxidation Stability	6500+	6500+	6500+	6000+
Demulsibility	20	20	20	20
Copper Corrosion	1A	1A	1A	1A
Rust Test	Pass	Pass	Pass	Pass
FZG Pass, Load Test	10	10	10	10

APPLICATIONS

SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS are designed for a variety of applications including hydraulic systems, mining equipment, and moderately loaded gear sets, as well as for general purpose lubrication. While often used in hydraulic systems located near environmentally friendly areas such as national parks, wildlife refuges and ski resorts, SUNOCO SYNTHVIS 600 FULL SYNTHETIC INHERENTLY BIODEGRADABLE HYDRAULIC OILS can be used in any hydraulic system where the highest quality, longest life, zinc-free hydraulic fluids are desired.

SPECIFICATIONS

Bosch Rexroth RE 90220, Type HLP • DIN 51524 Part 2, Antiwear Hydraulic Oils, Type HLP • Eaton-Vickers I-286-S, M-2950-S, 35VQ25A • Cincinnati P-68 (ISO VG 32), P-70 (ISO VG 46), P-69 (ISO VG 68) • German Steel Industry SEB 181222 • ISO 11158:1997, Family H (Hydraulic Systems), Type HM • Parker Hannifin (Denison) HF-0, HF-1, HF-2 • U.S. Steel 127