



## SUNOCO SUNVIS 600+ ASHLESS HYDRAULIC OILS

### OVERVIEW

**SUNOCO SUNVIS 600+ ASHLESS HYDRAULIC OILS** are high viscosity index (HVI), highly refined, premium quality ashless, anti-wear hydraulic oils developed for mobile and industrial equipment operating under high pressures and over a wide range of temperatures. **SUNOCO SUNVIS 600+ ASHLESS HYDRAULIC OILS** are ashless or zinc-free and have excellent thermal stability, low temperature properties and a lower pour point than conventional anti-wear hydraulic oils.

### APPLICATIONS

**SUNOCO SUNVIS 600+ ASHLESS HYDRAULIC OILS** are designed for use in modern hydraulic systems operating at high pressures and extreme temperature fluctuations. They are an excellent choice for areas located near water or that are environmentally sensitive such as national parks, wildlife refuges and ski resorts. These zinc-free oils are inherently biodegradable and designed for use in most major hydraulic pump manufacturers as well as off road mobile construction equipment. The additive system in these oils meets the requirements of pump manufacturers and machine tool builders and their hydraulic-specific, exceptionally shear stable viscosity index improver allows them to be used as an all seasons fluid.

### FEATURES & BENEFITS

**SUNOCO SUNVIS 600+ ASHLESS HYDRAULIC OILS** are characterized by outstanding performance in preventing rust, oxidation, foaming, air entrainment and many other factors that occur in hydraulic systems. These fluids are zinc-free, nontoxic, inherently biodegradable, and have excellent low temperature properties. They are recommended for applications where the use of oils containing toxic heavy metals is restricted because of soil or water contamination.

### SPECIFICATIONS

Hitachi Advanced Hydraulic Oil • DIN 51524 Part 3, Anti-wear Hydraulic Oils (Type HVLP) • AFNOR NFE 48-603 (Type HV) • ISO 11158:1997 (Type HV) • Poclairn • Hitachi • Cincinnati Lamb • Eaton-Vickers I-286, M-2950-S, 35VQ25A • Parker-Hannifin (Denison) HF-0, HF-1, HF-2 • Bosch Rexroth RE 90220

### TYPICAL PROPERTIES

Product Code	4993	4973	4983	4923
PRODUCT	Sunvis 622+	Sunvis 632+	Sunvis 646+	Sunvis 668+
Viscosity, cSt @ 40 °C	22	32	46	68
Viscosity, cSt @ 100 °C	4.8	6.2	7.5	8.9
Viscosity Index, min	140	140	140	140
Flash Point, °C	220	245	227	235
Pour Point, °C	-50	-50	-42	-37
Dielectric Strength, kV	48	40	47	48
Rust Test	1B	1B	1B	1B
Biodegradability in 28 days, OECD 301-B%	22	22	22	22