



SUNVIS 1000 HVI HYDRAULIC OILS

OVERVIEW

SUNOCO SUNVIS 1000 HVI HYDRAULIC OILS are supreme quality anti-wear hydraulic oils specially developed for applications subjected to wide range of temperature or where small viscosity change with fluctuating temperature is needed. They are formulated with severely hydro-processed Group II base oils, a highly shear stable polymer and an advanced additive system to meet the stringent requirements of modern hydraulic systems using high pressure high output pumps and critical requirement of other hydraulic system.

FEATURES & BENEFITS

SUNOCO SUNVIS 1000 HVI HYDRAULIC OILS have outstanding thermo-oxidative stability and their low & high temperature performance allows for extended service life. They provide excellent anti-wear property, rust & corrosion protection, water separation & air-release properties and hydrolytic stability to reduce breakdowns and help improve production capacity. SUNOCO SUNVIS 1000 hydraulic oils have high dielectric strength for use in electrical service bucket trucks as an insulating oil.*

APPLICATIONS

SUNOCO SUNVIS 1000 HVI HYDRAULIC OILS are designed for hydraulic and power transmission systems subjected to a wide range of ambient & operating temperatures, requiring extended oil change intervals, and critical hydraulic systems. SUNOCO SUNVIS 1000 HVI HYDRAULIC OILS SERIES are employed in hydraulic systems of excavators, cranes and hydrostatic drives subjected to most severe outdoor operating conditions, and hydraulic systems operating under high pressures and requiring high degree of load carrying capability and anti-wear protection. These oils are recommended for use in outdoor mobile equipment that is used year-round such as cranes, bucket trucks (cherry pickers), cranes, aerial lifts, and the like.

SPECIFICATIONS

DIN 51524 Part 3 HVLP • AFNOR NFE 48-603 (HV) • ISO 11158 HV • Poclairn • Hitachi • Cincinnati Lamb • Eaton • Vickers • Denison

**Dielectric strength measurement given at point of manufacture. Dielectric strength deteriorates rapidly with contamination from particulates and moisture; oil must be kept clean and dry at all times.*

TYPICAL PROPERTIES

	4873	4813	4823	4833	4843	4863
Product Code	4873	4813	4823	4833	4843	4863
Product	SUNVIS 1015	SUNVIS 1022	SUNVIS 1032	SUNVIS 1046	SUNVIS 1068	SUNVIS 1100
Viscosity, cSt @ 40 °C	15	22	32	46	68	100
Viscosity Index	152	151	144	145	148	135
Flash Point, °C	180	192	219	222	232	242
Pour Point, °C	-55	-45	-40	-40	-42	-42
Rust Test	Pass	Pass	Pass	Pass	Pass	Pass
Emulsion Test 30 mins. max @ 54 oC	Pass	Pass	Pass	Pass	Pass	
Emulsion Test 30 mins. max @ 82 oC						Pass
Foam Test, foam after 10 minutes of settling for all sequences	Pass	Pass	Pass	Pass	Pass	Pass
Turbine Oil Stability Test, hrs.	5000+	5000+	5000+	5000+	5000+	4000+
FZG, Fail Load Stage, minimum	-	-	11	11	11	11
Density @ 15°C	0.855	0.857	0.861	0.855	0.858	0.861
Dielectric Strength, kV min*	35	35	35	35	35	35