



PRODUCT DATASHEET

SPC HITO HD

Antiwear Hydraulic Oil

SPC HITO HD is a high quality hydraulic oil specially developed for use in many hydraulic systems and equipment. The oil is formulated from selected paraffinic base stock treated with antirust, antioxidant and antiwear additives. The oil is available in a wide range of viscosities to suit all practical requirements.

PERFORMANCE STANDARDS

SPC HITO HD meets the following performance requirements:

- DIN 51524, Part II
- DENISON HF-2, HF-0
- Vickers M-2950-S (Mobile Equipment)
- Vickers I-286-S3 (Industrial Equipment)
- Cincinnati Milacron P-68, P-69 & P-70
- US Steel 126, 127
- JCMAS P041 (HK)

BENEFITS

SPC HITO HD provides the following benefits:

- Minimises sludge and deposit formation.
- Performs excellent wear protection.
- Passes wet and dry Denson T6C pump test.
- Provides excellent filterability and tolerance to contamination.
- Maintains working components in clean operational condition.
- Exhibits robust oxidation, rust and corrosion protection.
- Good antifoam to prevent oil saturation and system failure.
- Prolongs useful service life of the oil and reduces maintenance cost.

APPLICATIONS

SPC HITO HD is recommended for use in most hydrodynamic power transmission systems, hydraulic controls and hydrostatic systems.

It is also suitable for use as heavy-duty lubricant for bearings, reduction units etc, where operating conditions require special antiwear properties. It is also suitable for use as circulating oil in general bearing lubrications.

TYPICAL CHARACTERISTICS

SPC HITO HD								
ISO VG	10	15	22	32	46	68	100	150
Viscosity, Kinematic								
at 40 deg C, cst	10.7	15.3	22.3	32.8	47.6	69.6	100.0	148.1
at 100 deg C, cSt	2.8	3.5	4.4	5.6	7.1	8.9	11.4	14.5
Viscosity index	106	111	104	106	105	103	100	96
Specific Gravity,								
15/15 deg C	0.833	0.840	0.860	0.870	0.876	0.883	0.887	0.893
Flash Point, COC, deg C	146	190	208	215	220	225	230	240
Pour Point, deg C	- 30	- 27	- 21	- 18	- 15	- 15	- 12	- 12

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.