



PRODUCT DATASHEET

SPC HITO HDM

Antiwear Hydraulic Oil

SPC HITO HDM is a high quality anti-wear hydraulic fluid specially formulated with shear stable viscosity index improver to impart superior viscosity-temp characteristics. Developed for use in most types of hydraulic equipment operating in wide temperature conditions. The oil is available in a wide range of viscosities to suit most practical requirements.

PERFORMANCE STANDARDS

SPC HITO HDM meets the following performance requirements:

- DIN 51524 Part III
- 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 HDM provides the following benefits:

- Maintains good lubricity over a wide temperature operating range by maintaining fluid viscosity even under severe conditions.
- Provides good antiwear properties.
- Minimises sludge and deposit formation.
- Prevents rust and corrosion in hydraulic system.
- Provides good antifoam features to prevent airlock and operation irregularities of system.
- Prolongs useful service life of the oil and reduces maintenance cost.

APPLICATIONS

SPC HITO HDM is recommended for use in hydraulic systems operating under wide climatic temperature variation. It is especially suitable for marine hydraulic power-pack systems.

TYPICAL CHARACTERISTICS

SPC HITO HDM					
ISO VG	15	32	46	68	100
Viscosity, Kinematic					
at 40 deg C, cSt	16.0	31.9	47.7	68.7	97.1
at 100 deg C, cSt	4.0	6.5	8.3	11.5	14.3
Viscosity Index	156	162	150	165	152
Specific Gravity, 15/15 deg C	0.838	0.854	0.864	0.878	0.876
Flash Point, COC, deg C	150	210	220	225	230
Pour Point, deg C	- 39	- 39	- 36	- 36	- 21

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