

TECHNICAL DATA SHEET ORIENT- HYD SAE 10W

(Heavy Duty Transmission Hydraulic Oil)

Description and Applications:

ORIENT HYD SAE 10W are specially designed for hydraulic systems and high torque & heavy duty automatic and powershift transmissions on off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications. These oils are blended from highly refined base oils and proven performance additives to provide enhanced wear protection, thermo-oxidative stability, frictional characteristics, and rust & corrosion protection. Its suitable for use in heavy duty diesel where such type of oil is recommended.

Main Benefits:

- Improved thermo-oxidative stability and protection of metal surfaces against scuffing and wear gives longer oil and equipment life.
- Good compatibility with all common seals, O rings and packing materials leads to reduced downtime.
- Exclusive formulation ensures peak performance in severe operating conditions
- Good oxidation stability controls premature oil thickening
- Very good low temperature fluidity (SAE 10W grade) ensures quick startup of equipment

Sr. No	Test Parameters <i>Viscosity Grade</i>	Test Method	HYD SAE 10W
1	Appearance	Visual	C&B*
2	Density @ 15°C gm/cm ³	ASTM D1298	0.885
3	Viscosity Index (Min)	ASTM D2270	110
4	Viscosity @ 100°C (cSt)	ASTM D 445	6.0
5	Flash Point (COC) °C	ASTM D 92	218
6	Pour Point °C	ASTM D 97	-30
7	Total Base Number MgKOH/g	ASTM D 2896	10

*C&B = Clear and Bright

The above figures are typical of those obtained with normal production tolerance and do not constitute specifications