

TECHNICAL DATA SHEET

ORIENT OROA HYDRAULIC AW OILS

Description and Applications:

ORIENT OROA Hydraulic oils is mineral based and manufactured in a range of viscosity grades to meet the requirements of hydraulic equipment manufacturers for rust and oxidation –inhibited and anti-wear mineral-oil hydraulic fluids. It is compatible with the seal materials commonly used in hydraulic systems.

Main Benefits:

- ✚ Outstanding thermal & oxidation stability and good service life.
- ✚ Good anti-wear properties and rust inhibitor.
- ✚ Superior hydrolytic stability and excellent demulsibility.
- ✚ Compatible with the seals commonly used in hydraulic systems.

Meets Specifications:

- ✚ Din51524 Part 2&3 (HLP),
- ✚ Vickers 35VQ25.
- ✚ AFNOR NFE-48-603 (HM),(HV),
- ✚ ISO 11158 (HM, HV)
- ✚ HF-1, HF-1, HF-2(HM, HV)
- ✚ P 68, P-69, P-70 (HM, HV)
- ✚ Denison TP 02100, US. Steel 126, 127 AFNOR NE48-6909HL),

Typical Characteristics

Sr. No	Test Parameters <i>Viscosity Grade (ISO VG)</i>	Method	32/10W	37	46	68	100	150
1	Appearance	Visual	C&B	C&B	C&B	C&B	C&B*	C&B
2	Density @ 15°C gm/cm3	ASTM D1298	0.8874	0.876	0.865	0.866	0.88	0.895
3	Viscosity Index	ASTM D2270	104	102	100	101	98	98
4	Viscosity @ 40°C (cSt)	ASTM D 445	31.7	37	46.05	68.12	100	150
5	Pour Point °C	ASTM D 97	- 30	- 27	-24	- 21	- 12	- 9
6	Flash Point (COC) °C	ASTM D 92	220	224	230	240	252	262

C&B = Clear and Bright

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