

TECHNICAL DATA SHEET

ORIENT OROA HYDRAULIC OIL (AW)

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. They are compatible with the seal materials commonly used in hydraulic system. These Oils are primarily for use in hydraulic equipment but are suitable for other duties in which lubricants with good oxidation stability and lubrication performance are required. The quality of its base oils and additives permits their application in lightly loaded gears for use as circulating oil in applications where rust and oxidation inhibited oil is required.

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),
- ✚ 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