

RALCO HYDROCO SYNTH

TOP range advanced 100% SYNTHETIC EP ashless hydraulic oil formulated with PAO base oil and additives that are free of zinc, particularly suitable for any system or hydraulic circuit under a wide temperature change and extreme environmental conditions. Ideal for sealed for life systems. Range of temperatures from -50°C to 135°C.

Features/Benefits:

- Very high viscosity index.
- Excellent extreme pressure.
- Very good antioxidant properties, anti-corrosion, anti-foam and anti-wear.
- High power of demulsibility. Readily separates larger quantities of water.
- Very long life service.

TECHNICAL PROPERTIES

ISO GRADE		32	46	68
VISCOSITY AT 100°C (cSt)	ASTM D-445	6,2	8,2	10,3
VISCOSITY AT 40°C (cSt)	ASTM D-445	32	46	68
VISCOSITY INDEX (cSt)	ASTM D-2270	170	170	170
DENSITY AT 15°C (g/cm³)	ASTM D-4052	0,827	0,830	0,832
FLASH POINT (°C)	ASTM D-92	246	240	260
POUR POINT (°C)	ASTM D-97	-55	-50	-48
DE-EMULSIFICATION AT 54°C (min.)	ASTM D-1401	<25	<30	<45
RUST RESISTANCE, A AND B	ASTM D-665	Pass	Pass	Pass
AEROEMULSION AT 50°C (min.)	ASTM D-3427	<2	<4	<5
COOPER CORROSION, 3h AT 100°C	ASTM D-130	1b	1b	1b
TAN (mg KOH/g)	ASTM D-664	0,38	0,38	0,38
OXIDATION, ACID NUMBER AT 2000H (mg KOH/g)	ASTM D-943	2 max.	2 max.	2 max.
FZG, DAMAGE STAGE	DIN 51354	12	12	12

Headquarter

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