



Peak Lubricants

224-230 South Gippsland Highway Dandenong Victoria 3175
Ph:(03)9799-0977 Fax:(03)9799-7709 www.peakoil.com.au

PRODUCT NAME

ECOSYN ULTRA AC 100 COMPRESSOR OIL

DESCRIPTION & APPLICATIONS

ECOSYN ULTRA AC 100 COMPRESSOR OIL is a fully synthetic supreme performance, zinc-free oil based on poly-alpha-olefin technology blended with the highest quality additives available, producing oils suited to multi-functional applications such as compressor, hydraulic, circulating and bearing oils; also light gear oils.

For use in rotary and screw-type compressors, particularly those requiring non-zinc anti-wear oils. The exceptional performance of the anti-wear additives in the important areas of high-speed / high-pressure pump protection, anti-rust and corrosion, thermal and oxidative stability and filtering ability provides a cost-effective lubricant which reduces equipment downtime. The product is compatible with mineral oils but care should be taken to ensure that other synthetic fluids are not mixed with this synthetic product. Also the product can be used as an alternative lubricant in other systems where wear rates are high using conventional oils

FEATURES & BENEFITS

ECOSYN ULTRA AC 100 COMPRESSOR OIL provides long oil life and effective lubrication in machines working in extremes of temperature and working conditions. The sophisticated ashless multifunctional non-zinc based anti-wear additives included provide exceptional anti-wear protection and give the best available performance in any oil-flooded air compressor of screw or vane design due to the exceptional chemical and thermal stability of the additive components in the finished oil. The premium rust, oxidation and foam inhibitors also included promote excellent cleanliness, longer fluid life, demulsibility and filtering ability even when badly water contaminated. Excellent air release properties minimize compressibility and prevent noisy and erratic operation of equipment. ECOSYN ULTRA AC 100 COMPRESSOR OIL is compatible with almost all elastomers used in seals, o-rings and gaskets in air compressors. Confirm with Peak Technical for specific types.

SPEC'S & APPROVALS

ECOSYN ULTRA AC 100 COMPRESSOR OIL meets the following performance specifications:

ISO Viscosity: VG100

- DIN 51506 (VBL, VCL, VDL)
- ISO / DP 6521 (DAA, DAB, DAG, DAH)
- ISO 6743-3A-DAJ
- ABB VTR 184.714 "Special low friction synthetic oil" with a maximum oil change interval of 5000 hours (HZTL 90617, List 3).

HEALTH / SAFETY & ENVIRONMENT

Health, safety and environmental information is provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.



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TYPICAL CHARACTERISTICS		
Density @ 15° C, kg/L	ASTM D1298	0.935
Viscosity cSt @ 40° C	ASTM D445	99.2
Viscosity cSt @ 100° C	ASTM D445	14.1
Viscosity Index	ASTM D2270	145
Pour Point °C	ASTM D97	-9
Flash Point °C	ASTM D92	210
Rust prevention properties	ASTM D665-B	Pass
Water separability (min)	ASTM D1401	15
FZG test - load stage failure	CEC-L-07-A-85	>12

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications, and do not constitute any legal liability. Information is correct at time of printing.