



**Extol Australia Pty Ltd**

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## EXTOL AB SERIES

**Extol AB Series** is formulated from an alkylbenzene synthetic blend and designed to function under the stringent requirements of CFCs, HCHCs like R11, R12, R13, R22, R113, R114, R123, R124, R401a, R401b, R402a, R402b, R403b, R406a, R408a, R409a, R500, R502, R503 & R717 (NH<sub>3</sub> aka ammonia) DX and liquid overfeed industrial refrigeration systems. Besides its inherent inertness, improved system efficiency and higher productivity, the performance advantages of the AB Series versus naphthenic oils include partial miscibility and solubility with CFC's and HCFCs and ammonia for improved oil return to the compressor. Superior chemical and thermal stability, lower foaming tendency and extended oil drain capability.

**Extol AB Series** is well suited for both rotary screw and reciprocating compressors in ammonia service. It is guaranteed to function with evaporators operating down to -40°C. It is compatible with all types of seals and O-Rings used in ammonia compressors including Neoprene (chloroprene), Buna-N and NBR. It is 100% compatible with naphthenic and paraffinic mineral oils, as well as PAO and AB synthetic oils, allowing for top-offs over these oils, eliminating the need for system flushes and excessive evaporator maintenance. As with all specialty lubricants, indoor storage and immediate closing of original containers after use is strongly recommended to avoid particulate and moisture contamination.

PRODUCT	AB	AB	AB	AB			
ISO VG	32	46	68	100			
Viscosity							
@ 40°C, cSt	32.2	43.8	67.8	100.6			
@ 100°C, cSt	5.4	6.3	8.4	10.6			
Viscosity Index	99	88	93	86			
Flash Point, °F	435	465	470	480			
°C	224	241	243	249			
Fire Point, °F	475	490	505	510			
°C	246	254	263	266			
Pour Point, °F	-71	-71	-65	-54			
°C	-57	-57	-54	-48			
Specific Gravity	0.886	0.868	0.871	0.871			
TAN, mg KOH/g	<0.1	<0.1	<0.1	<0.1			
NSF Registered	H2	H2	H2	H2			

