Lidomont Pty Ltd Trading as **Prolube Lubricants**
15 Pinacle Street Brendale QLD 4500 I Ph: 07 3881 1733
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ABN: 69 922 465 546

PRODUCT DATA SHEET

SYNCOMP SERIES ISO 46, 68, 100, 220
(FULL SYNTHETIC COMPRESSOR , VACUUM PUMP OILS)

DESCRIPTION

Syncomp Series products are fully synthetic ashless rotary vane, screw and reciprocating compressor oils designed to provide the superior protection required for modern high performance machines.

Syncomp oils are also suitable for vacuum pump applications. These products are recommended where bulk oil temperatures from -45°C to 130°C are encountered and sustained for long service. Special anti-scuff mild extreme pressure additives minimise wear and ensure a lubricant film is maintained between surfaces in equipment operating under heavy load conditions.

Grade		ISO 32	ISO 46	ISO 68	ISO 100	ISO 220
Specific Gravity	ASTM D1298	0.838	0.840	0.836	0.857	0.898
Viscosity, cSt @ 100C	ASTM D445	6.2	7.8	10.4	14.6	20.5
Viscosity, cSt @ 40°C)	ASTM D445	32.01	45.0	67.7	100	220
Viscosity Index	ASTM D2270	>144	>141	>141	>145	120

The above typical results should not be construed as a specification.

APPLICATION

Syncomp Series Oils are recommended for rotary vane screw and reciprocating air compressors, hydraulic pumps operating in excess of 14000 kpa (14 bar, 2000 psi), rotary lobe blowers and vacuum pumps. They are versatile products and are also suitable for ultra-low temperature refrigeration systems, bearings, gearboxes where EP loads are not extreme and circulating systems.
Choose viscosity grade according to manufacturer's recommendations. For vacuum pumps and rotary blowers, the higher viscosity products are usually specified.

STANDARDS

Meets the following requirements:

DIN 51506 (VBL, VCL, VDL)
ISO 1158 (HM, HV)
DIN 51425 Part 1 (HL) Part 2 (HLP) Part 3 (HVLP)*
Parker Hanifin (Denison) HF-0, HF-1, HF-2
Eaton Brochure 03-401-210
MAG IAS P68, 69 and 70 (ex Cincinnati) (ISO 68 Grade)
US Steel 126, 127
AFNOR NF E48-603 HM
FZG Gear Test, Failure Stage 12 (Din 5135)

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* ISO 220 grade excluded

CONTAINER SIZES

205 Litres, 20 Litres

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