



LAIJUTSU SHL- I401,I402,I403,I404,I405

Product Description:

LAIJUTSU Advanced Fully Synthetic Compressor Oil is a premium performance, synthetic compressor oil based on polyalphaolefin and alkylated naphthalene technology. It contains a rust and oxidation inhibitor system plus anti-wear additives to provide outstanding oxidation resistance and corrosion protection. High viscosity index and low pour points of the polyalphaolefin base fluid permits application in a wider range of ambient operating temperatures than with conventional lubricants. LAIJUTSU Advanced Fully Synthetic Compressor Oil provides long oil life and effective lubrication in severe applications.

LAIJUTSU Advanced Fully Synthetic Compressor Oil is recommended for lubrication of reciprocating, rotary screw slide vane air compressors where the air delivery temperatures are greater than 150°C. But not recommended for use in breathing air compressors.

Applications / Benefits:

Very good surface properties, rusting and wear protection
Excellent thermal stability and outstanding resistance to oxidation.
Extended oil service life. Minimum maintenance and downtime.
High viscosity index and low pour point.
Will allow the oils drain interval up to 8000* hours with normal operating temperature

Typical Physical Characteristics

Test Description	Method	SHL-I401	SHL-I402	SHL-I403	SHL-I404	SHL-I405
ISO Viscosity Grade	-	32	46	68	100	150
Specific Gravity @ 15 °C	ASTM D 4052	0.838	0.842	0.846	0.847	0.850
Flash Point, °C	ASTM D 92	238	242	254	258	260
Pour Point, °C	ASTM D 97	-48	-45	-42	-42	-39
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	31.10	45.80	68.50	101.00	151.00
cSt @ 100°C	ASTM D 445	5.75	7.56	10.30	14.20	19.30
Viscosity Index	ASTM D 2270	128	131	136	144	146
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<0.5

*Service hours values may differ according to operating parameters and temperatures, including maintenance status of the compressor.

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your Shinloub representative.

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.