



LAIJUTSU SHL- I201,I202,I203, I204, I205, I206, I207, I208, I209, I210

Product Description:

LAIJUTSU AW Series oils are good quality anti-wear hydraulic oils intended for industrial and mobile service applications, subjected to moderate operating conditions and requiring anti-wear lubricants. Excellent hydrolytic stability, protection of yellow metals in the presence of water.

Applications / Benefits:

Prevents wear
Protects against rust and corrosion
Resists foaming

Specifications, Approvals & Recommendations

Denison HF-0
Denison HF-1
Denison HF-2
Denison T-6H20C Hybrid Pump
Parker Hannifin France HF-0 Approved
DIN 51524 Part I (HL)
DIN 51524 Part II (HL)
Eaton Brochure 03-401-2010
Fives Cincinnati Machine P-68
Fives Cincinnati Machine P-69
Fives Cincinnati Machine P-70

Typical Physical Characteristics

Test Description	Method	SHL-I201	SHL-I202	SHL-I203	SHL-I204	SHL-I205
SAE Viscosity Grade	SAE J 300	10W				
SAE Viscosity Grade	-		10	15	22	32
Specific Gravity @ 15 °C	ASTM D 4052	0.871	0.84	0.845	0.866	0.872
Flash Point, °C	ASTM D 92	210	170	172	198	210
Pour Point, °C	ASTM D 97	-21	-39	-39	-36	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	35.4	10.5	15.3	22.4	32.1
cSt @ 100°C	ASTM D 445	5.87	2.8	3.42	4.38	5.40
Viscosity Index	ASTM D 2270	108	111	105	103	101
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	0.5

Test Description	Method	SHL-I206	SHL-I207	SHL-I208	SHL-I209	SHL-I210
ISO Viscosity Grade	-	46	68	100	150	220
Specific Gravity @ 15 °C	ASTM D 4052	0.876	0.881	0.888	0.890	0.901
Flash Point, °C	ASTM D 92	218	222	228	232	245
Pour Point, °C	ASTM D 97	-24	-21	-18	-12	-12
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	46.2	69.1	98.2	150	222.0
cSt @ 100°C	ASTM D 445	6.81	8.82	11.20	14.50	18.90
Viscosity Index	ASTM D 2270	102	100	98	96	96
Color	ASTM D 1500	<1.0	<1.5	1.5	<2.0	<2.5

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.