



LAIJUTSU SHL- I211,I212,I213, I214, I215, I216, I217

Product Description:

LAIJUTSU Hydraulic Oil AWP Series oils are made from premium Hydrocracking base stocks and high-grade hydraulic oil additives. It is designed for modern hydraulic systems with high make-up rates and advanced filtering systems.

Applications / Benefits:

Prevents wear
Protects against rust and corrosion
Resists foaming & separates readily from water
Superior filterability

Specifications, Approvals & Recommendations

ASTM D6158 (HM, HV)
AIST 126, 127
Bosch Rexroth RDE 90235
DIN 51524-2 (HM)
Eaton E-FDGN-TB002-E
Fives P68, P69, P70 (HM, HV)
GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS)
GM LS-2
ISO 11158 (HM, HV)
JCMAS P041 HK Hydraulic specification
Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV)
SAE MS 1004 (HM, HV)
SEB 181222

Typical Physical Characteristics

Test Description	Method	SHL-I211	SHL-I212	SHL-I213	SHL-I214	SHL-I215	SHL-I216	SHL-I217
SAE Viscosity Grade	-	10	22	32	46	68	100	150
Specific Gravity @ 15 °C	ASTM D 4052	0.835	0.852	0.859	0.862	0.865	0.869	0.875
Flash Point, °C	ASTM D 92	170	198	210	220	222	228	232
Pour Point, °C	ASTM D 97	-39	-36	-33	-30	-27	-24	-18
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	10.3	22.4	31.5	46.4	68.5	97.5	150.0
cSt @ 100°C	ASTM D 445	2.76	4.4	5.40	6.85	8.78	11.27	14.73
Viscosity Index	ASTM D 2270	110	103	105	102	100	98	97
Color	ASTM D 1500	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.5

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.