



## AXCL HYDRAULIC OIL

### Description

AXCL Hydraulic Oils are formulated using the best quality Mineral base stocks available. It imparts excellent resistance to oxidation and a very high anti-wear performance demanded by the sophisticated Hydraulic systems. AXCL Hydraulic Oils provide outstanding high temperature stability, longer drain intervals and clean operation of equipment. Also suitable for a wide temperature range and applications.

### Performance Level

- Parker (formerly Denison) HF-0, HF-1, HF-2(HM, HV)
- Eaton M-2950-S AND I-286-S3 , MAG P68, P69, P70(HM, HV)
- DIN 51524-2(HM): DIN 51524-3(HV) , ISO 11158(HM, HV) , ASTM D 6158(HM, HV)
- SAE MS 1004(HM, HV) , Bosch Rexroth RE 90220
- JCMAS P041 HK Hydraulic specification , ANSI/AGMA 9005-E02-R0 ,
- GM LS-2 , AIST 126,127 , SEB 181222

### Benefits & Advantages

Reduced maintenance costs & Consumption.  
 Good water separation characteristics.  
 Protects Gears & Pumps in circulating system.  
 High Anti wear, Thermal & oxidation stability

### Specification & Parameter

Serial No.	TESTS	METHOD	RESULTS						
			15	22	32	46	68	100	150
1	Viscosity Grade	ISO	15	22	32	46	68	100	150
2	Kin. Viscosity @ 40 °C, cSt	ASTM D 445	15.0	22.0	32.0	46.0	68.0	97.0	155.0
3	Kin. Viscosity @ 100 °C, cSt	ASTM D 445	3.43	4.32	5.38	6.75	8.70	11.0	15.20
4	Viscosity Index	ASTM D 2270	100	100	100	100	99	98	98
5	Density @ 15 °C	ASTM D 1298	0.85	0.856	0.879	0.882	0.887	0.889	0.891
6	Foam Sequence I, II, III	ASTM D 892	0/0	0/0	0/0	0/0	0/0	0/0	0/0
7	Flash Point, °C	ASTM D 92	>220	>220	>220	>220	>230	>230	>240
8	Pour Point, °C	ASTM D 97	-18	-18	-18	-18	-18	-18	-18

\*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.



Research & Development

# PRODUCT DATA SHEET

AXCL XL-JET 2-Stroke Engine Oil

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