

GULFSTAR HYDRAULIC AW OIL

Hydraulic Oil

Typical Characteristics

SI No	TESTS	TEST METHODS	UNITS	SPECIFICATION BY OLG				
				AW 32	AW 46	AW 68	AW 100	AW 150
1	Appearance	Visual	Visual Examination	CLEAR TRANSPARENT	CLEAR TRANSPARENT	CLEAR TRANSPARENT	CLEAR TRANSPARENT	CLEAR TRANSPARENT
2	Colour	ASTM D 1500	NO	ASTM 2.0 MAX	ASTM 2.0 MAX	ASTM L 2.5 MAX	ASTM L 2.5 MAX	ASTM 2.5 MAX
3	Viscosity @ 40 °C	ASTM D 445	cSt	32-34	44-48	65-70	95-105	145-155
4	Viscosity @100 °C	ASTM D 445	cSt	5.5-6.0	6.8-7.3	8.5-9.0	11-11.5	15-17
5	Viscosity Index	ASTM D 2270	NO	MIN 95	MIN 95	MIN 95	MIN 90	MIN 110
6	Pour point	ASTM D 97	0c	-32	-24	-21	-21	-18
7	Flashpoint	ASTM D 92 & 93	0c	210 0c	215 0c	225 0c	240 0c	240 0c
8	Foaming Character	ASTM D 892	SEQUENCE I, MI	5 ml/0	5 ml/0	5 ml/0	5 ml/0	5 ml/0
			SEQUENCE II, MI	0 ml/0	0 ml/0	0 ml/0	0 ml/0	0 ml/0
			SEQUENCE III, MI	0ml/0	0ml/0	0ml/0	0ml/0	0ml/0
9	Copper Strip Corrosion Test,3 Hrs at 100 deg.c	ASTM D130	No	ASTM 1A max.	ASTM 1A max.	ASTM 1A max.	ASTM 1A max.	ASTM 1A max.
10	Rust Test	ASTM D 655 A& B	-----	Pass	Pass	Pass	Pass	Pass