



Technical Data Sheet

Attock AW (Hydraulic Oil)

Attock AW series is a blend of high quality mineral oils and additives to inhibit corrosion, foaming, oxidation and wear. Attock AW Series are available in a number of viscosity grades as per industrial requirements and design of hydraulic pump and operating pressures in system.

APPLICATIONS:

Attock AW Series Oils are recommended for many uses in the industrial, construction and commercial industries. Attock AW Oils meets requirement of DIN 51524 part 2 (HLP) part 3 (HVLP) for antiwear hydraulic fluid.

BENEFITS:

- Protect against rust and corrosion.
- Good oxidation stability.
- Excellent antifoam properties.
- Extend equipment life.

Typical Physical Characteristics:

PRODUCT	ASTM	ATTOCK AW Series									
	Method	AW 22	AW 32	AW 37	AW 46	AW 68	AW 100	AW 150	AW 220	AW 320	AW 460
ISO VG		22	32	37	46	68	100	150	220	320	460
Appearance	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Specific gravity at 60/60 °F	D 1298	0.873	0.877	0.880	0.883	0.889	0.894	0.899	0.900	0.904	0.908
Density at 85 °F	D 1298	0.864	0.868	0.871	0.874	0.880	0.885	0.890	0.892	0.895	0.900
Kinematics viscosity at 40°C cSt	D 445	22.5	32.5	37.5	47.0	68.8	101	149	222	324	455
Kinematics viscosity at 100°C cSt	D 445	4.3	5.4	5.8	6.8	8.7	11.2	14.5	18.9	24.4	30.4
Viscosity Index	D 2270	99	99	99	97	96	95	95	95	95	95
Flash point °C	D 92	170	190	195	200	220	230	234	240	250	270
water by crackle test		Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
Pour point °C	D 97	-6	-6	-6	-6	-6	-3	-3	-3	-3	-3