



Technical Data Sheet

Attock Vegno Series Circulating Oils

Attock Vegno Oils are blended from high quality solvent refined mineral oils without additives. Attock Vegno oils are available in a number of viscosity grades as per industrial requirement.

APPLICATIONS:

Attock Vegno oils are recommended for lubrication of compressor, plain bearings, gear units, hydraulic system and steam engines, where the oils are required without additive.

BENEFITS:

- Good thermal stability due to high viscosity index.
- Excellent water separation properties.
- Extend equipment life.

Typical Physical Characteristics:

PRODUCT	ASTM Methods	VEGNO 22	VEGNO 32	VEGNO 46	VEGNO 68	VEGNO 100	VEGNO 150	VEGNO 220	VEGNO 320	VEGNO 460
ISO VG		22	32	46	68	100	150	220	320	460
Appearance	Visual	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Specific gravity at 60/60 °F	D 1298	0.871	0.876	0.882	0.889	0.893	0.897	0.898	0.903	0.908
Density at 85 °F	D 1298	0.862	0.867	0.873	0.880	0.884	0.888	0.890	0.894	0.899
Kinematics viscosity at 100 °C cSt	D 445	4.27	5.36	6.70	8.60	11.10	14.5	18.8	24.10	30.60
Kinematics viscosity at 40 °C cSt	D 445	22	32	46	68	100	150	220	320	460
Viscosity Index	D 2270	99	99	98	97	96	95	95	95	95
Flash point °C	D 92	186	195	210	235	235	245	255	255	270
water by crackle test		Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative
Pour point °C	D 97	-6	-6	-6	-3	-3	-3	-3	-3	-3