



Signal Vac AX Pump Oils

Product Application:

Signal Vac AX Pump Oils are industrial grade compressor/vacuum lubricants specially formulated from severely hydrotreated high VI paraffinic base stocks.

Vac AX Pump Oils are also formulated with highly refined basestocks and cutting-edge additive technology to provide for an extended life lubricant that is both exceptionally, chemically, and thermally stable while providing excellent rust and corrosion protection as well as decent anti-wear properties.

Signal Vac AX Pump Oils are fortified with rust, oxidation, and foam inhibitors. They shed water readily and are highly resistant to emulsification providing long service life in single stage and multistage mechanical vacuum pumps, hydraulic steam turbines, air compressors and other industrial units.

Package Size:

Drums, Pails

Features and Advantages:

- *Chemically & thermally stable
- *Excellent water demulsibility
- *Protection against rust and corrosion
- *High resistance to foaming and excellent air entrainment resistance

Meets or exceeds the following specifications:

DIN 51515-1 2010-02	CINCINNATI P-62
DIN 51517-2: 2009-06	DENISON HF 1A
GE GEK 46506D	ISO-L-CKB
GE GEK 27070	DIN 51506VBL
GE GEK 28143A	AFNOR NF E 48600 HL
JIS K-2213 Type 2 w/Additives (1983)	

Typical Characteristics:

ISO Viscosity Grade	22	32	46	68	100	150	220	320	460
Viscosity, ASTM D 445									
cSt @ 40°C	22	31	44.5	65.1	95.1	148	236	328	458
cSt @ 100°C	4.0	5.5	6.9	8.7	10.9	14.7	19.8	24.4	31.1
Viscosity Index, ASTM D 2270	102	102	98	95	95	95	95	95	95



Pour Point, °C, ASTM D 97	-28	-18	-15	-15	-15	-15	-15	-10	-10
Flash Point, °C, ASTM D 92	192	218	221	223	237	240	265	280	290
Density@5°C kg/l,ASTM D4052	0.84	0.85	0.86	0.87	0.88	0.89	0.893	0.896	0.90
TOST,ASTM D943, Hours to2 NN 5000	5000	3700	4500	4500	4500	4500	4500	4500	4500
Rust Prevention, ASTM D 665:									
Distilled Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Sea Water	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Water Seperability, ASTM D 1401, Min. to 3 ml emulsion @ 54°C									
	15	15	15	20	30	30	30	30	30
Copper Strip Corrosion, ASTM D 130, 3 hrs @ 121°C									
	1A	1A	1A	1A	1A	1A	1A	1A	1A
Foam Test, ASTM D 892, Seq I Tendency/Stability, ml/ml									
	20/0	20/0	50/0	50/0	50/0	50/0	50/0	50/0	50/0

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