

### HF SEAL OIL

Petromin HF seal oil series is a premium-quality, synthetic-base barrier fluid specially formulated to meet the demanding lubrication and cooling requirements of mechanical seals and to maximize seal life. The superb inherent properties of the severely hydro treated synthetic base oil, enhanced by a proprietary additive package, are ideally suited to the special requirements of mechanical seal operation.

Petromin HF seal oil series is long life industrial grade lubricants & to be used as buffer fluids for mechanical seals on rotating equipment that needs extended chemical stability with high compatibility with mineral based fluids

#### BENEFITS

- Good thermal and oxidative stability leads to a longer operating life, which greatly impact on reduction in lubricant costs and minimizes deposit formation thus giving a cleaner system.
- Good Rust & Corrosion Protection which improves equipment life
- Excellent lubricity which reduces friction & increase efficiency of seal mechanism that ensures a longer seal life.
- Out-standing anti-wear properties
- Good low temperature characteristic
- Compatible with most process fluid

#### APPLICATIONS

- Petromin HF seal oil series have been developed for the demanding application of barrier/seals & buffer fluid of mechanical seals.
- Petromin HF seal oil is designed for use in all types of industrial application and in high & low operating temperature of double, single & tandem mechanical seal system.
- Petromin HF seal oil series is not registered for food machinery lubrication hence does not comply with NSF H-1 category & other FDA regulation.



## PRODUCT DATA SHEET

### PRODUCT CHARACTERISTICS\*

PROPERTIES	UNITS	VALUE			TEST METHOD
ISO Grade	-	<b>5</b>	<b>9</b>	<b>32</b>	DIN 51511
Specific Gravity @ 15 °C	-	0.825	0.835	0.84	ASTM D-4052
Viscosity @ 40 °C	mm <sup>2</sup> /s	6.5	9.1	32.1	ASTM D-445
100 °C	mm <sup>2</sup> /s	1.8	2.4	5.8	ASTM D-445
Flash Point, COC	°C	154	176	211	ASTM D-92
Pour Point	°C	-24	-21	-18	ASTM D-97
Flash Point, PMCC	°C	159	183	218	ASTM D-93
Auto Ignition temperature	°C	284	304	338	ASTM D-2155
Color, ASTM	-	L 0.5	L 0.5	L 0.5	ASTM D-1500
Copper Strip Corrosion	-	1b	1b	1b	ASTM D-130
Neutralization No.	mg KOH/g	<0.1	<0.1	<0.1	ASTM D-974
Product Code		<b>5234</b>	<b>5235</b>	<b>XXXX</b>	

\*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

