

MARINE BUNKER OIL (IFO) ADDITIVE PCU-200 B



EXO SOLVENT

LOW TOXICITY OIL BASE FLUIDS



PCU-200 B

PRODUCT DATA SHEET

PCU-200 B, Is a highly stable ionized high polarity solvent, mostly paraffinic, whose properties to highlight are its high and safe flash point and high aniline point, with a substantial improvement in energy efficiency. It has a stable performance at high temperatures, since there is very little variation in its viscosity value.

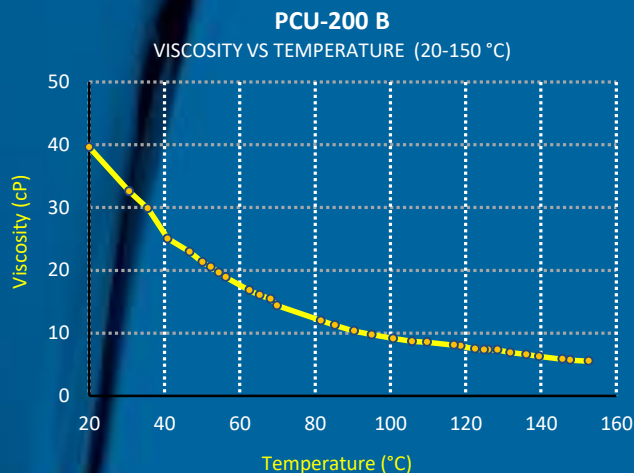
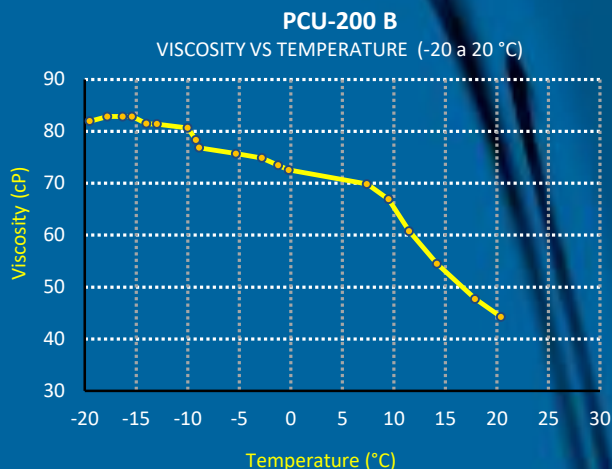
The properties as a whole make it a high performance additive for the BUNKER OIL IFO, being very effective as a resin solvent and at the same time as an asphaltene dispersant, improving and reducing the viscosity of industrial fuels oils (Bunkers), replacing other high cost additives such as EVA and NMA without the toxicity of these. The **PCU-200 B** is thermally stable, with exceptional oxidation resistance, low volatility and suitable viscosity index for its performance. It can also be used as lubricity improver additive.

CHEMICAL PROPERTIES

PROPERTIES	METHOD	UNITS	VALUE
Distillation from 10 to 90%	ASTM-D86	°C	
10% Recovered		°C	223
50% Recovered		°C	362
95% Recovered		°C	353
Density at 15 °C	ASTM-D1298	g/cm ³	0.855 ± 0.003
Flash point	ASTM-D92	°C	128 ±5
Boiling point	EE	°C	180
Total Ash	ASTM-D482	% w	0.003
Sulfur	ASTM-1552	% w	0.33
Dynamic viscosity at 20 °C	ASTM-D445	cP	39 ± 2
Dynamic viscosity at 40 °C	ASTM-D445	cP	25 ± 2
Kinematic viscosity at 100 oC	ASTM-D445	cSt	4.0
Kinematic viscosity at 40 oC	ASTM-D445	cSt	18.2
Freezing point	ASTM-D97	°C	-24
Pour point	ASTM-D97	°C	-21
Aniline Point	ASTM-D611	°C	85 ± 2
Water content (distillation)	ASTM-D95	%	Traces
Acid Number	ASTM-D974	mg KOH/g	0.01

PCU-200 B

PERFORMANCE GRAPHS VISCOSITY VS TEMPERATURE



APPLICATIONS AND BENEFITS

- ✓ Resin solvent additive for Marine Bunker Fuels (IFO)
- ✓ Asphaltene dispersant additive for Heavy Crude Oil and Marine Bunker fuels (IFO).
- ✓ Replaces other expensive additives for marine and industrial fuels IFO class, such as the NMA (N-methylaniline) and the EVA (Ethylene vinyl acetate), without the toxicity of them.
- ✓ High temperature capacity
- ✓ Excellent oxidation resistance
- ✓ Flow properties at low temperature
- ✓ Antiwear protection

CONTACT

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