

Focus Disperse P-1000

PRODUCT DESCRIPTION

Focus Disperse P-1000, P-1000-70N and P-1000-70P are polyisobutylene succinic anhydride (PIBSA), produced from 950 molecular weight polyisobutylene. They are produced via the thermal process, have no residual chlorine, and are soluble in both paraffinic and naphthenic oils.

APPLICATIONS

Focus Disperse P-1000, P-1000-70N and P-1000-70P are un-neutralized.

- **P-1000** is not diluted and can be made water dispersible or oil soluble, depending on the source of alkalinity.
- **P-1000-70N** is diluted in naphthenic oil for use in metalworking fluids. When neutralized with alkanolamines and/or potassium hydroxide, it can be made water dispersible for use as an emulsifier and/or dispersant in soluble oils or micro-emulsions.
- **P-1000-70P** is diluted in paraffinic oil and can be reacted with a high molecular weight amine for use as a dispersant in lubricating oils.

BENEFITS

- Exceptional hard water stability
- Keep systems running cleaner
- Less susceptible to microbial attack; Focus Disperse products do not contain any sulfur and are highly branched
- Can be used for naphthenic and paraffinic base oils

TYPICAL PROPERTIES

Feature	Data		
	P-1000	P-1000-70N	P-1000-70P
Appearance	Amber liquid	Amber liquid	Amber liquid
Specific gravity @ 25 °C	0.93	0.92	0.91
Viscosity @ 100 °C (cSt)	450	90	90
% Diluent oil	0	30	30
Flash point, COC (°C)	245	168	164
Acid value (mg KOH/g)	54 (56.1 factor) 108 (112.2 factor)	38 (56.1 factor) 76 (112.2 factor)	38 (56.1 factor) 76 (112.2 factor)
Free maleic anhydride (%)	< 1	< 1	< 1

PACKAGING

Packaging	Description	Net Weight
Drums	55 gallon non-returnable	400 lbs.
Totes	275 gallon non-returnable	2,000 lbs.

REGISTRATION

USA	Yes
Canada	Yes

HANDLING, SAFETY, HEALTH AND ENVIRONMENT

TECHNICAL DATA SHEET
See safety data sheet



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