

FUNCTIONAL PRODUCTS INC.

Innovative Chemistry for Lubricants

Technical Data Sheet

FUNCTIONAL SD-55 Dispersant for Group IV Oils (PAOs)

APPLICATION:

FUNCTIONAL SD-55 is an oil soluble succinimide polyamine dispersant in a polyalphaolefin synthetic base fluid. Based on a 1000 mw polyisobutylene succinimide, which is chlorine-free, **FUNCTIONAL SD-55** can be used in many applications including automotive and industrial. It is compatible with detergents, rust inhibitors and other typical industrial lubricant additives when properly formulated in a suitable viscosity PAO. **FUNCTIONAL SD-55** is also compatible in Groups I, II, and III paraffinic oils.

COMPOSITION:

FUNCTIONAL SD-55 is an oil soluble succinimide polyamine dispersant in a polyalphaolefin synthetic base fluid.

Typical Properties	
Appearance	Brown liquid
Color (ASTM D1500)	5.0
Odor	Mild amine
Specific Gravity	0.92
Lbs per Gallon	7.6
Flash Point (COC)	>150°C (302°F)
Kinematic Viscosity (ASTM D445)	30 cSt at 100°C 300 cSt at 40°C
Total Base Number	55

TREATMENT LEVEL:

The treatment level is dependent on the application, typically 1 - 10 wt. % is effective. The user must determine the optimum treat level for the application.

HANDLING:

FUNCTIONAL SD-55 is a skin and eye irritant and may be harmful if inhaled. Use in well-ventilated area with proper PPE.

FUNCTIONAL SD-55 should be stored in a cool, dry area, away from heat and/or ignition sources.

Please refer to the Safety Data Sheet for additional information.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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