



Reliant Base Oil Specifications

Reliant Base Oil product line is manufactured via distillation, solvent extraction and catalytic dewaxing of a consistent crude source. The Reliant base paraffinic oils are available in a wide range of viscosities and are commonly used as lubricant base oils in automotive, railroad, industrial and marine engine oils and/or as process oils by the rubber, paper and chemical industries.

Base Oil		90	165	500	700	150BS
		90" Solvent Neutral	165" Solvent Neutral	500" Solvent Neutral	700" Solvent Neutral	150" Solvent Bright
METHOD	TEST	SPECIFICATIONS				
VISUAL	Appearance	<----- C E A R & B R I G H T ----->				
D4052	API Gravity	33.9 TYP	30.2 TYP	28.7 TYP	26.8 TYP	24.9 TYP
D445	Viscosity @ 40° C, cSt @ 100° C, cSt	15.3/17.1 3.6 TYP	29.2/34.2 5.4 TYP	91.5 TYP 10.1/11.6	146.4 TYP 13.0/15.0	488.0 TYP 30.6/32.7
D2270	Viscosity Index	104 MIN	95 MIN	95 MIN	90 MIN	95 MIN
D5293	CCS @ -25° C, Cp CCS @ -20° C, Cp	1500 MAX	2800 MAX			
D97	Pour Point, °C	-16 MAX	-9 MAX	-6 MAX	-6 MAX	-3 MAX
D92	COC Flash Pt, °C	185 MIN 189 TYP	215 MIN 220 TYP	226 MIN 259 TYP	232 MIN 272 TYP	293 MIN 306 TYP
D4294	Sulfur, Wt. %	0.4% MAX	0.45% MAX			
D1500	ASTM Color	L0.5 TYP/ 1.5 MAX	L0.5 TYP/ 1.5 MAX	L1.0 TYP/ 2.0 MAX	L1.5 TYP/ 2.5 MAX	L3.0 TYP/ 5.5 MAX
D5800	Noack Vol, Wt. %	13.5 MAX	19.0 MAX			

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60° Celsius, exposed to hot sun or freezing conditions.