

ADDITIN[®] RC 3502

Friction Modifiers

Type

100% Active Ashless (C,H,O,N based) Organic Friction Modifier

Application

Additin[®] RC 3502 is a 100% active metal free ashless (C,H,O,N only based) friction modifier that is suitable for use in a broad range of mineral and synthetic based lubricant formulations for transport and industrial applications.

- Gasoline and diesel engine motor oils
- Automatic transmission fluids
- Automotive and Industrial Gear oils
- Greases
- Marine and railroad diesel engine oils

Technical data*

PROPERTIES	TYPICAL
Appearance	Clear amber to red liquid
Color (Gardner)	< 8.7
Activity, %	100
Specific Gravity @ 25°C	0.94
Kinematic Viscosity at 40°C (cSt)	200 - 400
Flash Point, PMCC, (°C)	>150

*The analytical data are guide values.

Advantages

- Ashless fully organic friction modifier suitable for use in a broad range of lubricant formulations
- Liquid form for easy handling and blending both within additive packages and as a top-treat addition
- Unique patented molecular structure for maximum oil compatibility from Group I – V and surface activity
- No-harm proven performance including materials compatibility, oxidation stability, non-corrosively at percent concentrations
- PCMO and HDDEO formulations with Additin RC 3502 stable at both low and high storage temperatures
- Excellent sustained friction reduction performance retention over a range of temperatures even over 120 – 160C
- Maintains ASTM 4172 four ball wear scar reduction and measured synergy with ZDDP additives
- Synergistic in combination with other friction modifiers including Molybdenum dialkyldithiocarbamate (MoDTC)
- Increases the range of detergent in formulations, both Calcium and Magnesium, maintaining low friction performance



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Solubility

Additin[®] RC 3502 is easily soluble in mineral oil and synthetic base stocks. Verification of base oil solubility and compatibility with other additives has been verified .

Packaging

Additin[®] RC 3502 is available in tank cars, tank trucks, and non-returnable drums.

Storage conditions

Additin[®] RC 3502 can be stored for 5 years when stored under normal conditions in a cool dry place away from any direct sources of heat and moisture.

Handling

For more extensive information on the safe handling and use of this product, please refer to the product's Safety Data Sheet.

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