

LK-904

SPECIFICATION :-

Sr.No	PARAMETER	MIN.LIMIT	MAX.LIMIT	LKTP NO
01	APPERANCE	CLEAR TO SLIGHT YELLOW LIQUID		LKTP 018
02	COLOUR	COLOURLESS TO SLIGHT YELLOW		LKTP 019
03	% VOLATILE CONTENT @110 DEG.C/1HR	00	02	LKTP 002
04	REFRACTIVE INDEX	1.485	1.500	
05	OH VALUE	110	120	LKTP 030
06	BATCH RESULTS	NO SEPARATION		See below

LK 904 is always qualified by making emulsion batch with Silicone oil.

• **EMULSIFICATION PROCESS FOR 40% SOLID CONTENT EMULSION:-**

COMPOSITION :-

- | | |
|---------------------|--------------|
| 1. LK-SIL 100T(350) | : 35.0 PARTS |
| 2. LK-905 | : 6.5 PARTS |
| 3. WATER-1 | : 7.0 PARTS |
| 4. WATER-2 | : 51.4 PARTS |
| 5. GDA-50 | : 0.1 PARTS |

PROCEDURE:-

IN CLEAN DRY REACTOR ,

1. ADD LK-905 AND ADD WATER – 1 IN EQUAL LOTS, MIX IT FOR 10 MINUTES.
2. ADD LK-SIL 100T(350) IN 4-5 EQUAL LOTS, STIR FOR 15 MINUTES.
3. ADD WATER – 2, SLOWLY AND WITH CONSTANT MIXING.
4. THEN ADD GDA-50 AND MIX IT WELL.
5. FILTER IT IF REQUIRED BY USING NORMAL FILTER CLOTH.

After completion of batch , check centrifugal test

- Results :-**
1. No separation - pass
 2. Separation - fail